

LEARNING OBJECTIVES

After studying this chapter, you should be able to:

- explain the meaning of business finance;
- describe financial management;
- explain the role of financial management in our enterprise;
- discuss objectives of financial management and how they could be achieved;
- explain the meaning and importance of financial planning;
- state the meaning of capital structure;
- analyse the factors affecting the choice of an appropriate capital structure;
- state meaning of fixed capital and working capital; and
- analyse the factors affecting the requirement of fixed and working capital.

FINANCIAL MANAGEMENT**TATA STEEL ACQUIRES CORUS**

Tata Steel, the biggest steel producer in the Indian private sector has acquired Corus, (formerly known as British Steel) in a deal worth \$8.6 billion. This makes Tata Steel the fifth largest steel producer in the world. A financial decision of this magnitude has significant implicitness for both Tata Steel and Corus as well as their employees and shareholders. To mention some of them:

- Tata Steel will become the fifth largest producer of steel in the world.
- Tata Steel will raise a debt of over \$ 8 billion to finance the transaction. The deal will be paid for by Tata Steel UK, a special purpose vehicle (SPV) set up for the purpose. This SPV will get funds from Tata Steel routed through a Singapore subsidiary. Another company of the Tata group, Tata Sons Ltd., will invest \$ 1 billion dollars for preference shares along with Tata Steel which will invest an equal amount.
- Tata Steel, the acquirer company, shall have to arrange about 36,500 crores of rupees to finance the take-over.
- Tata Steel will have to raise this amount through debt or equity or a combination of both. Some amount may come from internal accruals also. This financing decision will affect the capital structure of Tata Steel.
- Tata Steel hopes to increase the production to 40 million tonnes and revenue to 32 billion US dollars by 2012.

- It may affect the competitiveness of Tata Steel because the cost of production of steel in all probability, will change.
- The dividend paying capacity of Tata Steel may be affected because of this huge cash outflow and because of a significantly higher debt which would need to be serviced before paying any dividends to shareholders.
- The degree of risk shall also be affected. Needless to emphasise, decisions like this affect the future of the organisation. These decisions are almost irrevocable after they have been formalised.

Source: The Economic Times

INTRODUCTION

In the above case, these decisions require careful financial planning, an understanding of the resultant capital structure and the riskiness and profitability of the enterprise. All these have a bearing on shareholders as well as employees. They require an understanding of business finance, major financial decision areas, financial risk, and working capital requirements of the business. Finance, as we all know, is essential for running a business. Success of business depends on how well finance is invested in assets and operations and how timely and cheaply the finances are arranged, from outside or from within the business.

MEANING OF BUSINESS FINANCE

Money required for carrying out business activities is called business finance. Almost all business activities require some finance. Finance is needed to establish a business, to run it, to modernise it, to expand, or diversify it. It is required for buying a variety of assets, which may be

tangible like machinery, factories, buildings, offices; or intangible such as trademarks, patents, technical expertise, etc. Also, finance is central to running the day-to-day operations of business, like buying material, paying bills, salaries, collecting cash from customers, etc. needed at every stage in the life of a business entity. Availability of adequate finance is, thus, very crucial for the survival and growth of a business.

FINANCIAL MANAGEMENT

All finance comes at some cost. It is quite imperative that it needs to be carefully managed. Financial Management is concerned with optimal procurement as well as the usage of finance. For optimal procurement, different available sources of finance are identified and compared in terms of their costs and associated risks. Similarly, the finance so procured needs to be invested in a manner that the returns from the investment exceed the cost at which procurement has taken place. Financial Management aims at reducing the cost of funds procured, keeping the risk under

control and achieving effective deployment of such funds. It also aims at ensuring availability of enough funds whenever required as well as avoiding idle finance. Needless to emphasise, the future of a business depends a great deal on the quality of its financial management.

Importance: The role of financial management cannot be over-emphasised, since it has a direct bearing on the financial health of a business. The financial statements, such as Balance Sheet and Profit and Loss Account, reflect a firm's financial position and its financial health. Almost all items in the financial statements of a business are affected directly or indirectly through some financial management decisions. Some prominent examples of the aspects being affected could be as under:

- (i) *The size and the composition of fixed assets of the business:* For example, a capital budgeting decision to invest a sum of Rs. 100 crores in fixed assets would raise the size of fixed assets block by this amount.
- (ii) *The quantum of current assets and its break-up into cash, inventory and receivables:* With an increase in the investment in fixed assets, there is a commensurate increase in the working capital requirement. The quantum of current assets is also influenced by financial management decisions. In addition, decisions about credit and inventory management affect the
- amount of debtors and inventory which in turn affect the total current assets as well as their composition.
- (iii) *The amount of long-term and short-term funds to be used:* Financial management, among others, involves decision about the proportion of long-term and short-term funds. An organisation wanting to have more liquid assets would raise relatively more amount on a long-term basis. There is a choice between liquidity and profitability. The underlying assumption here is that current liabilities cost less than long term liabilities.
- (iv) *Break-up of long-term financing into debt, equity etc:* Of the total long-term finance, the proportions to be raised by way of debt and/or equity is also a financial management decision. The amounts of debt, equity share capital, preference share capital are affected by the financing decision, which is a part of financing management.
- (v) *All items in the Profit and Loss Account, e.g., Interest, Expense, Depreciation, etc. :* Higher amount of debt means higher interest expense in future. Similarly, use of higher equity may entail higher payment of dividends. Similarly, an expansion of business which is a result of capital budgeting decision is likely to affect virtually all items in the profit and loss account of the business.

It can, thus, be stated that the financial statements of a business are

largely determined by financial management decisions taken earlier. Similarly, the future financial statements would depend upon past as well as current financial decisions. Thus, the overall financial health of a business is determined by the quality of its financial management. Good financial management aims at mobilisation of financial resources at a lower cost and deployment of these in most lucrative activities.

OBJECTIVES

The primary aim of financial management is to maximise shareholders' wealth, which is referred to as the wealth-maximisation concept. The market price of a company's shares is linked to the three basic financial decisions which you will study a little later. This is because a company funds belong to the shareholders and the manner in which they are invested and the return earned by them determines their market value and price. It means maximisation of the market value of equity shares. The market price of equity share increases, if the benefit from a decision exceeds the cost involved. All financial decisions aim at ensuring that each decision is efficient and adds some value. Such value additions tend to increase the market price of shares. Therefore, those financial decisions are taken which will ultimately prove gainful from the point of view of the shareholders. The shareholders gain if the value of shares

in the market increases. Those decisions which result in decline in the share price are poor financial decisions. Thus, we can say, the objective of financial management is to maximise the current price of equity shares of the company or to maximise the wealth of owners of the company, that is, the shareholders.

Therefore, when a decision is taken about investment in a new machine, the aim of financial management is to ensure that benefits from the investment exceed the cost so that some value addition takes place. Similarly, when finance is procured, the aim is to reduce the cost so that the value addition is even higher.

In fact, in all financial decisions, major or minor, the ultimate objective that guides the decision-maker is that some value addition should take place. All those avenues of investment, modes of financing, ways of handling various components of working capital must be identified which will ultimately lead to an increase in the price of equity share. It can happen through efficient decision-making. Decision-making is efficient if, out of the various available alternatives, the best is selected.

FINANCIAL DECISIONS

Financial management is concerned with the solution of three major issues relating to the financial operations of a firm corresponding to the three questions of investment, financing and

divident decision. In a financial context, it means the selection of best financing alternative or best investment alternative. The finance function, therefore, is concerned with three broad decisions which are explained below:

Investment Decision

A firm's resources are scarce in comparison to the uses to which they can be put. A firm, therefore, has to choose where to invest these resources, so that they are able to earn the highest possible return for their investors. The investment decision, therefore, relates to how the firm's funds are invested in different assets.

Investment decision can be long-term or short-term. A long-term investment decision is also called a *Capital Budgeting decision*. It involves committing the finance on a long-term basis. For example, making investment in a new machine to replace an existing one or acquiring a new fixed asset or opening a new branch, etc. These decisions are very crucial for any business since they affect its earning capacity in the long run. The size of assets, profitability and competitiveness are all affected by capital budgeting decisions. Moreover, these decisions normally involve huge amounts of investment and are irreversible except at a huge cost. Therefore, once made, it is often almost impossible for a business to wriggle out of such decisions. Therefore, they need to be taken with utmost care. These



Wealth Maximisation Concept

decisions must be taken by those who understand them comprehensively. A bad capital budgeting decision normally has the capacity to severely damage the financial fortune of a business. *Short-term investment decisions* (also called working capital decisions) are concerned with the decisions about the levels of cash, inventory and receivables. These decisions affect the day-to-day working of a business. These affect the liquidity as well as profitability of a business. Efficient cash management, inventory management and receivables management are essential ingredients of sound working capital management.

Factors affecting Capital Budgeting Decision

A number of projects are often available to a business to invest in. But each project has to be evaluated carefully and, depending upon the returns, a particular project is either

selected or rejected. If there is only one project, its viability in terms of the rate of return, viz., investment and its comparability with the industry's average is seen. There are certain factors which affect capital budgeting decisions.

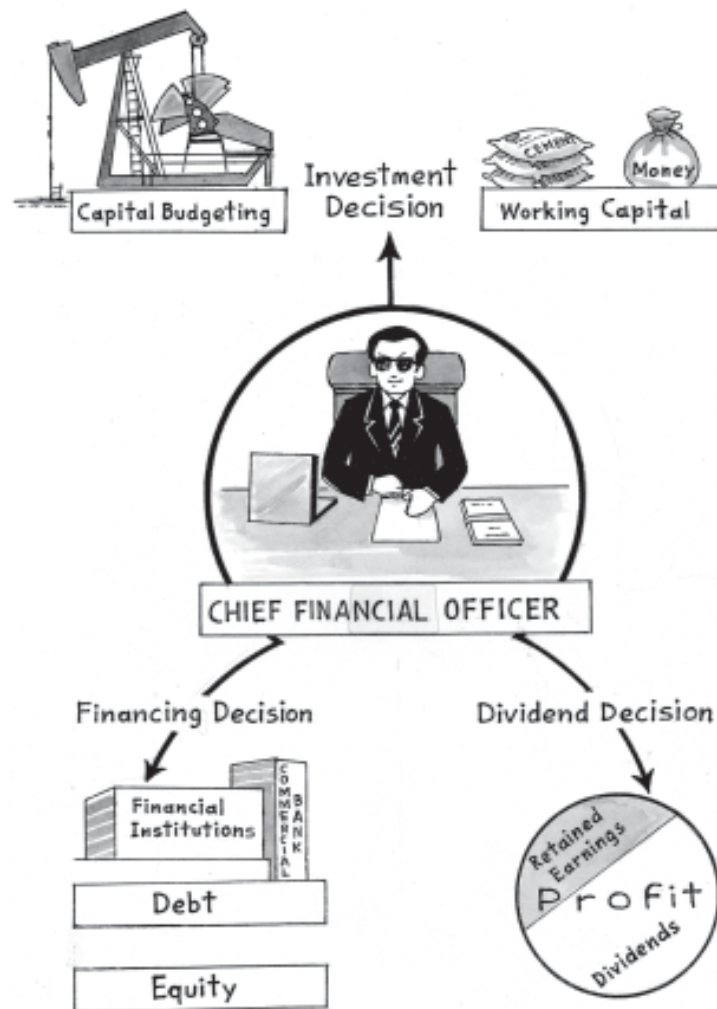
- (a) *Cash flows of the project:* When a company takes an investment decision involving huge amount it expects to generate some cash flows over a period. These cash flows are in the form of a series of cash receipts and payments over the life of an investment. The amount of these cash flows should be carefully analysed before considering a capital budgeting decision.
- (b) *The rate of return:* The most important criterion is the rate of return of the project. These calculations are based on the expected returns from each proposal and the assessment of the risk involved. Suppose, there are two projects, A and B (with the same risk involved), with a rate of return of 10 per cent and 12 per cent, respectively, then under normal circumstance, project B should be selected.
- (c) *The investment criteria involved:* The decision to invest in a particular project involves a number of calculations regarding the amount of investment, interest rate, cash flows and rate of return. There are different techniques to evaluate investment proposals

which are known as capital budgeting techniques. These techniques are applied to each proposal before selecting a particular project.

Financing Decision

This decision is about the quantum of finance to be raised from various long-term sources. Short-term sources are studied under the 'working capital management'.

It involves identification of various available sources. The main sources of funds for a firm are shareholders' funds and borrowed funds. The shareholders' funds refer to the equity capital and the retained earnings. Borrowed funds refer to the finance raised through debentures or other forms of debt. A firm has to decide the proportion of funds to be raised from either sources, based on their basic characteristics. Interest on borrowed funds have to be paid regardless of whether or not a firm has earned a profit. Likewise, the borrowed funds have to be repaid at a fixed time. The risk of default on payment is known as financial risk which has to be considered by a firm likely to have insufficient shareholders to make these fixed payments. Shareholders' funds, on the other hand, involve no commitment regarding the payment of returns or the repayment of capital. A firm, therefore, needs to have a judicious mix of both debt and equity in making financing decisions, which may be debt, equity, preference share capital, and retained earnings.



Financial Decisions

The cost of each type of finance has to be estimated. Some sources may be cheaper than others. For example, debt is considered to be the cheapest of all the sources, tax deductibility of interest makes it still cheaper. Associated risk is also different for each source, e.g., it is necessary to pay interest on debt and redeem the principal amount on maturity. There is no such compulsion

to pay any dividend on equity shares. Thus, there is some amount of financial risk in debt financing. The overall financial risk depends upon the proportion of debt in the total capital. The fund raising exercise also costs something. This cost is called floatation cost. It also must be considered while evaluating different sources. Financing decision is, thus,

concerned with the decisions about how much to be raised from which source. This decision determines the overall cost of capital and the financial risk of the enterprise.

Factors Affecting Financing Decisions

The financing decisions are affected by various factors. Important among them are as follows:

- (a) *Cost*: The cost of raising funds through different sources are different. A prudent financial manager would normally opt for a source which is the cheapest.
- (b) *Risk*: The risk associated with each of the sources is different.
- (c) *Floatation Costs*: Higher the floatation cost, less attractive the source.
- (d) *Cash Flow Position of the Company*: A stronger cash flow position may make debt financing more viable than funding through equity.
- (e) *Fixed Operating Costs*: If a business has high fixed operating costs (e.g., building rent, Insurance premium, Salaries, etc.), It must reduce fixed financing costs. Hence, lower debt financing is better. Similarly, if fixed operating cost is less, more of debt financing may be preferred.
- (f) *Control Considerations*: Issues of more equity may lead to dilution of management's control over the business. Debt financing has no such implication. Companies afraid of a takeover bid would prefer debt to equity.

India Inc. Issues Bonus Shares and Dividends

Corporate India has opened its purse strings to shareholders with interim dividends and bonus shares. At least 60 companies have declared interim dividend or announced plans to do so in the first three weeks of January. In addition, around 12 companies have announced bonus share issues this month, about three times more than January 2006.

There are range of things that a company can do for maximising shareholder value and dividend is the most direct and simple form of it. Ideally companies need to balance it up between paying cash and building value of the stock for total shareholder returns.

This trend of dividends and bonuses is in synchronisation with the good profits being posted by companies. It's a way of rewarding shareholders.

A number of companies have also announced plans of bonus shares for their shareholders. Most of the companies who have already declared bonus issues or announced that they would be taking it up in their next board meeting are small or mid-sized companies.

Source: The Economic Times

(g) *State of Capital Market:* Health of the capital market may also affect the choice of source of fund. During the period when stock market is rising, more people invest in equity. However, depressed capital market may make issue of equity shares difficult for any company.

Dividend Decision

The third important decision that every financial manager has to take relates to the distribution of dividend. Dividend is that portion of profit which is distributed to shareholders. The decision involved here is how much of the profit earned by company (after paying tax) is to be distributed to the shareholders and how much of it should be retained in the business. While the dividend constitutes the current income re-investment as retained earnings increases the firm's future earning capacity. The extent of retained earnings also influences the financing decision of the firm. Since the firm does not require funds to the extent of re-invested retained earnings, the decision regarding dividend should be taken keeping in view the overall objective of maximising shareholder's wealth.

Factors Affecting Dividend Decision

How much of the profits earned by a company will be distributed as profit and how much will be retained in the business is affected by many factors.

Some of the important factors are discussed as follows:

- (a) *Amount of Earnings:* Dividends are paid out of current and past earnings. Therefore, earnings is a major determinant of the decision about dividend.
- (b) *Stability Earnings:* Other things remaining the same, a company having stable earnings is in a better position to declare higher dividends. As against this, a company having unstable earnings is likely to pay smaller dividend.
- (c) *Stability of Dividends:* Companies generally follow a policy of stabilising dividend per share. The increase in dividends is generally made when there is confidence that their earnings potential has gone up and not just the earnings of the current year. In other words, dividend per share is not altered if the change in earnings is small or seen to be temporary in nature.
- (d) *Growth Opportunities:* Companies having good growth opportunities retain more money out of their earnings so as to finance the required investment. The dividend in growth companies is, therefore, smaller, than that in the non-growth companies.
- (e) *Cash Flow Position:* The payment of dividend involves an outflow of cash. A company may be earning profit but may be short on cash. Availability of enough cash in the

company is necessary for declaration of dividend.

- (f) *Shareholders' Preference:* While declaring dividends, managements must keep in mind the preferences of the shareholders in this regard. If the shareholders in general desire that at least a certain amount is paid as dividend, the companies are likely to declare the same. There are always some shareholders who depend upon a regular income from their investments.
- (g) *Taxation Policy:* The choice between the payment of dividend and retaining the earnings is, to some extent, affected by the difference in the tax treatment of dividends and capital gains. If tax on dividend is higher, it is better to pay less by way of dividends. As compared to this, higher dividends may be declared if tax rates are relatively lower. Though the dividends are free of tax in the hands of shareholders, a dividend distribution tax is levied on companies. Thus, under the present tax policy, shareholders are likely to prefer higher dividends.
- (h) *Stock Market Reaction:* Investors, in general, view an increase in dividend as a good news and stock prices react positively to it. Similarly, a decrease in dividend may have a negative impact on the share prices in the stock market. Thus, the possible impact of dividend policy on the equity share price is one of the important factors considered by the management while taking a decision about it.
- (i) *Access to Capital Market:* Large and reputed companies generally have easy access to the capital market and, therefore, may depend less on retained earning to finance their growth. These companies tend to pay higher dividends than the smaller companies which have relatively low access to the market.
- (j) *Legal Constraints:* Certain provisions of the Companies Act place restrictions on payouts as dividend. Such provisions must be adhered to while declaring the dividend.
- (k) *Contractual Constraints:* While granting loans to a company, sometimes the lender may impose certain restrictions on the payment of dividends in future. The companies are required to ensure that the dividend does not violate the terms of the loan agreement in this regard.

FINANCIAL PLANNING

Financial planning is essentially the preparation of a financial blueprint of an organisation's future operations. The objective of financial planning is to ensure that enough funds are available at right time. If adequate funds are not available the firm will not be able to honour its commitments and carry out its plans. On the other hand, if excess funds are available, it will unnecessarily add to the cost and

Rising Dividends can Support Valuations

Over the next few years, companies cannot afford to ignore dividends. Investors are looking for higher payouts and need the assurance of a stated dividend policy.

In India, though, there are few companies that are as consistent in dividend payments, even over the past five years.

The dividend yield, though, has steadily declined and is now at an average of 1.1 per cent for a set of 800 companies. These companies form part of the various BSE and NSE indices. Not only has the dividend yield gone down, there is not one company in this list that has increased dividends in line with profit growth in each of the past five years.

Among companies in the set, those that have steadily increased the payout over the years include a number of multinational companies that also earn a high return on net worth. Companies such as Astrazeneca Pharma, Nestle India, Hindustan Lever, Clariant, Pfizer, GlaxoSmithKline Consumer and Cummins India have enhanced dividends to deliver value to shareholders. These companies do not seem to be constrained for growth, either. Some Indian companies that have also shown the way forward include Automotive Axles, Ranbaxy Labs, Hero Honda Motors, Asian Paints, Thermax and a number of banking and non-banking finance companies. These companies, too, are growing fast, and the declaration of dividends has not dampened prospects.

Companies that have held on to profits and not declared dividends include e-Serve, Cranes Software, Sesa Goa, Tata Motors, Moser Baer, ABB, MICO, Aztec Software, Havells India, Amtek India and Sterlite Industries. This is only an indicative list and includes many more. The dividend payout ratio in the case of the indicated companies is less than 20 per cent. Investors, however, need dividends to rise and they also need a stated dividend policy. The earnings yield (inverse of PE ratio) is now at about 6 per cent. If the payout ratio were stepped up to 40 per cent then the dividend yield would rise to about 2.5 per cent.

<http://www.thehindubusinessline.com/iw/2005/07/24>

may encourage wasteful expenditure. It must be kept in mind that financial planning is not equivalent to, or a substitute for, financial management. Financial management aims at choosing the best investment and financing alternatives by focusing on their costs and benefits. Its objective is to increase the shareholders' wealth. Financial planning on the other hand aims at smooth operations by focusing on fund requirements and their

availability in the light of financial decisions. For example, if a capital budgeting decisions is taken, the operations are likely to be at a higher scale. The amount of expenses and revenues are likely to increase. Financial planning process tries to forecast all the items which are likely to undergo changes. It enables the management to foresee the fund requirements both the quantum as well as the timing. Likely shortage and

surpluses are forecast so that necessary activities are taken in advance to meet those situations. Thus, financial planning strives to achieve the following twin objectives.

- (a) *To ensure availability of funds whenever required:* This include a proper estimation of the funds required for different purposes such as for the purchase of long-term assets or to meet day-to-day expenses of business etc. Apart from this, there is a need to estimate the time at which these funds are to be made available. Financial planning also tries to specify possible sources of these funds.
- (b) *To see that the firm does not raise resources unnecessarily:* Excess funding is almost as bad as inadequate funding. Even if there is some surplus money, good financial planning would put it to the best possible use so that the financial resources are not left idle and don't unnecessarily add to the cost.

Thus, a proper matching of funds requirements and their availability is sought to be achieved by financial planning. This process of estimating the fund requirement of a business and specifying the sources of funds is called financial planning. Financial planning takes into consideration the growth, performance, investments and requirement of funds for a given

period. Financial planning includes both short-term as well as long-term planning. Long-term planning relates to long term growth and investment. It focuses on capital expenditure programmes. Short-term planning covers short-term financial plan called budget.

Typically, financial planning is done for three to five years. For longer periods it becomes more difficult and less useful. Plans made for periods of one year or less are termed as budgets. Budgets are example of financial planning exercise in greater details. They include detailed plan of action for a period of one year or less.

Financial planning usually begins with the preparation of a sales forecast. Let us suppose a company is making a financial plan for the next five years. It will start with an estimate of the sales which are likely to happen in the next five years. Based on these, the financial statements are prepared keeping in mind the requirement of funds for investment in the fixed capital and working capital. Then the expected profits during the period are estimated so that an idea can be made of how much of the fund requirements can be met internally i.e., through retained earnings (after dividend payouts). This results in an estimation of the requirement for external funds. Further, the sources from which the external funds requirement can be met are identified and cash budgets are made, incorporating these factors.

IMPORTANCE

Financial planning is an important part of overall planning of any business enterprise. It aims at enabling the company to tackle the uncertainty in respect of the availability and timing of the funds and helps in smooth functioning of an organisation. The importance of financial planning can be explained as follows:

- (i) It helps in forecasting what may happen in future under different

business situations. By doing so, it helps the firms to face the eventual situation in a better way. In other words, it makes the firm better prepared to face the future. For example, a growth of 20% in sales is predicted. However, it may happen that the growth rate eventually turns out to be 10% or 30%. Many items of expenses shall be different in these three situations. By preparing a blueprint of these three situations

Cutting Back on Debt

Even successful businesses have debt, but how much is too much? Learning how to manage debt is what can put you ahead.

Taking on the right amount of debt can mean the difference between a business struggling to survive and one that can respond nimbly to changing economic or market conditions. A number of circumstances may justify acquiring debt. As a general rule, borrowing makes the most sense when you need to bolster cash flow or finance growth or expansion. But while debt can provide the leverage you need to grow, too much debt can strangle your business. So the question is: How much debt is too much?

The answer, experts say, lies in a careful analysis of your cash flow as well as your industry. A business that doesn't grow dies. You've got to grow, but you've got to grow within the financial constraints of your business. **What is the ideal capital structure a business needs in its industry to remain viable?** The higher the volatility (in your industry), the less debt you should have. The smaller the volatility, the more debt you can afford.

Although banks and other financial institutions look for a satisfactory debt-to-equity ratio before agreeing to make a loan, don't assume a creditor's willingness to extend funds is evidence that your business is in a strong debt position. Some financial institutions are overzealous lenders, particularly when trying to lure or hold on to promising business customers. "The bank may be looking more at collateral than whether the (business's) earnings are going to come in to justify the debt service.

To avoid these and other credit pitfalls, it's up to you to get the financial facts on your business and make sound borrowing decisions. Unfortunately, many entrepreneurs fail to recognise how important financial analysis is to running a successful business. Even business owners who receive detailed financial statements from their accountants often do not take advantage of the valuable information contained in the documents.

<http://www.entrepreneur.com/magazine/entrepreneur/2006/December>

the management may decide what must be done in each of these situations. This preparation of alternative financial plans to meet different situations is clearly of immense help in running the business smoothly.

- (ii) It helps in avoiding business shocks and surprises and helps the company in preparing for the future.
- (iii) It helps in co-ordinating various business functions, e.g., sales and production functions, by providing clear policies and procedures.
- (iv) Detailed plans of action prepared under financial planning reduce waste, duplication of efforts, and gaps in planning.
- (v) It tries to link the present with the future.
- (vi) It provides a link between investment and financing decisions on a continuous basis.
- (vii) By spelling out detailed objectives for various business segments, it makes the evaluation of actual performance easier.

CAPITAL STRUCTURE

One of the important decisions under financial management relates to the financing pattern or the proportion of the use of different sources in raising funds. On the basis of ownership, the sources of business finance can be broadly classified into two categories viz., 'owners' funds' and 'borrowed funds'. Owners' funds consist of equity

share capital, preference share capital and reserves and surpluses or retained earnings. Borrowed funds can be in the form of loans, debentures, public deposits etc. These may be borrowed from banks, other financial institutions, debentureholders and public.

Capital structure refers to the mix between owners and borrowed funds. These shall be referred as equity and debt in the subsequent text. It can be calculated as debt-equity ratio

i.e., $\left(\frac{\text{Debt}}{\text{Equity}} \right)$ or as the proportion of debt out of the total capital i.e., $\left(\frac{\text{Debt}}{\text{Debt} + \text{Equity}} \right)$.

Debt and equity differ significantly in their cost and riskiness for the firm. The cost of debt is lower than the cost of equity for a firm because the lender's risk is lower than the equity shareholder's risk, since the lender earns an assured return and repayment of capital and, therefore, they should require a lower rate of return. Additionally, interest paid on debt is a deductible expense for computation of tax liability whereas dividends are paid out of after-tax profit. Increased use of debt, therefore, is likely to lower the over-all cost of capital of the firm provided that the cost of equity remains unaffected. Impact of a change in the debt-equity ratio upon the earning per share is dealt with in detail later in this chapter.

Debt is cheaper but is more risky for a business because the payment of interest and the return of principal is

obligatory for the business. Any default in meeting these commitments may force the business to go into liquidation. There is no such compulsion in case of equity, which is therefore, considered riskless for the business. Higher use of debt increases the fixed financial charges of a business. As a result, increased use of debt increases the financial risk of a company.

Financial risk is the chance that a firm would fail to meet its payment obligations.

Capital structure of a company, thus, affects both the profitability and the financial risk. A capital structure will be said to be optimal when the proportion of debt and equity is such that it results in an increase in the value of the equity share. In other words, all decisions relating to capital structure should emphasise on increasing the shareholders' wealth.

The proportion of debt in the overall capital is also called financial

Example I

Company X Ltd.

Total Funds used	Rs. 30 Lakh
Interest rate	10% p.a.
Tax rate	30%
EBIT	Rs. 4 Lakh
Debt	
Situation I	Nil
Situation II	Rs. 10 Lakh
Situation III	Rs. 20 Lakh

EBIT-EPS Analysis

	Situation I	Situation II	Situation III
EBIT	4,00,000	4,00,000	4,00,000
Interest	NIL	1,00,000	2,00,000
EBT	4,00,000	3,00,000	2,00,000
(Earnings before taxes)			
Tax	1,20,000	90,000	60,000
EAT	2,80,000	2,10,000	1,40,000
(Earnings after taxes)			
No. of shares of Rs.10	3,00,000	2,00,000	1,00,000
EPS	0.93	1.05	1.40
(Earnings per share)			

leverage. Financial leverage is computed as $\frac{D}{E}$ or $\frac{D}{D+E}$ when D is the Debt and E is the Equity. As the financial leverage increases, the cost of funds declines because of increased use of cheaper debt but the financial risk increases. The impact of financial leverage on the profitability of a business can be seen through EBIT-EPS (Earning before Interest and Taxes-Earning per Share) analysis as in the following example.

Three situations are considered. There is no debt in situation-I i.e. (unlevered business). Debt of Rs. 10 lakh and 20 lakh are assumed in situations-II and III, respectively. All debt is at 10% p.a.

The company earns Rs. 0.93 per share if it is unlevered. With debt of Rs. 10 lakh its EPS is Rs. 1.05. With a still higher debt of Rs. 20 lakh, its, EPS rises to Rs. 1.40. Why is the EPS rising with higher debt? It is because the cost of

debt is lower than the return that company is earning on funds employed. The company is earning a return on investment (RoI)

of 13.33% $\left(\frac{\text{EBIT}}{\text{Total Investment}} \times 100 \right)$,
 $\left(\frac{4\text{Lakh}}{30\text{Lakh}} \times 100 \right)$. This is higher than the

10% interest it is paying on debt funds. With higher use of debt, this difference between RoI and cost of debt increases the EPS. This is a situation of favourable financial leverage. In such cases, companies often employ more of cheaper debt to enhance the EPS. Such practice is called Trading on Equity.

Trading on Equity refers to the increase in profit earned by the equity shareholders due to the presence of fixed financial charges like interest.

Now consider the following case of Company Y. All details are the same except that the company is earning a profit before interest and taxes of Rs. 2 lakh.

Example II

Company Y Ltd.

	Situation I	Situation II	Situation III
EBIT	2,00,000	2,00,000	2,00,000
Interest	NIL	1,00,000	2,00,000
EBT	2,00,000	1,00,000	NIL
Tax	60,000	30,000	NIL
EAT	1,40,000	70,000	NIL
No. of shares of Rs.10	3,00,000	2,00,000	1,00,000
EPS	0.47	0.35	NIL

In this example, the EPS of the company is falling with increased use of debt. It is because the Company's rate of return on investment (RoI) is less than the cost of debt. The RoI for company Y is $\frac{2\text{Lakh}}{30\text{Lakh}} \times 100$, i.e., 6.67%, whereas the interest rate on debt is 10%. In such cases, the use of debt reduces the EPS. This is a situation of unfavourable financial leverage. Trading on Equity is clearly inadvisable in such a situation.

Even in case of Company X, reckless use of Trading on Equity is not recommended. An increase in debt may enhance the EPS but as pointed out earlier, it also raises the financial risk. Ideally, a company must choose that risk-return combination which maximises shareholders' wealth. The debt-equity mix that achieves it, is the optimum capital structure.

Factors affecting the Choice of Capital Structure

Deciding about the capital structure of a firm involves determining the relative proportion of various types of funds. This depends on various factors. For example, debt requires regular servicing. Interest payment and repayment of principal are obligatory on a business. In addition a company planning to raise debt must have sufficient cash to meet the increased outflows because of higher debt. Similarly, important factors which determine the choice of capital structure are as follows:

1. Cash Flow Position: Size of projected cash flows must be considered before borrowing. Cash

flows must not only cover fixed cash payment obligations but there must be sufficient buffer also. It must be kept in mind that a company has cash payment obligations for (i) normal business operations; (ii) for investment in fixed assets; and (iii) for meeting the debt service commitments i.e., payment of interest and repayment of principal.

2. Interest Coverage Ratio (ICR): The interest coverage ratio refers to the number of times earnings before interest and taxes of a company covers the interest obligation. This may be calculated as follows:

$$\text{ICR} = \frac{\text{EBIT}}{\text{Interest}}$$

The higher the ratio, lower shall be the risk of company failing to meet its interest payment obligations. However, this ratio is not an adequate measure. A firm may have a high EBIT but low cash balance. Apart from interest, repayment obligations are also relevant.

3. Debt Service Coverage Ratio (DSCR): Debt Service Coverage Ratio takes care of the deficiencies referred to in the Interest Coverage Ratio (ICR). The cash profits generated by the operations are compared with the total cash required for the service of the debt and the preference share capital. It is calculated as follows:

$$\frac{\text{Profit after tax} + \text{Depreciation} + \text{Interest} + \text{Non Cash exp.}}{\text{Pref. Div} + \text{Interest} + \text{Repayment obligation}}$$

A higher DSCR indicates better ability to meet cash commitments and consequently, the company's potential to increase debt component in its capital structure.

Who funds Indian industry, why it matters?

Using data on listed Indian firms from the mid-1980s to the 1990s, several issues relating to Indian industry were investigated. One aspect then was the extremely limited extent to which promoters and entrepreneurs actually owned shares in the various companies they had control of

Proportions of the total capital of the firm	
	Percentage Share
Where did the borrowing come from?	
Borrowing from Commercial Bank	26.69
Borrowings from Financial Institutions	19.89
Debentures	7.78
Fixed deposits	3.86
Other borrowings	8.78
Who owned the shares?	
Shares held by the public at large	10.88
Foreign shareholding	3.54
Government shareholding	5.49
Institutional shareholding	8.44
Directors' shareholding	2.81
Top 50 shareholders shareholding	1.85
Total Debt and Equity Capital of a Company	100

Nevertheless, in spite of the relative lack of ownership, the majority of listed entities, mostly private sector companies, were managed by these founders, their successive family members and other promoters as if they were fiefdoms.

By and large, Indian companies were essentially financed by debt. This was unlike in the West. If the total debt plus nominal equity capital in the average Indian company was 100, then 67 per cent of that amount came in the form of debt capital while equity capital contributed only 33 per cent.

If the share of government ownership in corporate equity and the share of financial institutions' equity was added, then over 60 per cent ($26.69 + 19.89 + 5.49 + 8.44$) of firms' finances were funded by the state in one form or another.

Foreign shareholders, in spite of a lot a clamour about their role in India's corporate economy, hardly owned more than 4 per cent (3.54) of the shares in India's listed companies. While the public at large provided about 11 per cent of the finances of an average Indian listed company, the share of the Top 50 shareholders was less than 2 (1.85) per cent.

It is within this particular shareholding category that promoters, entrepreneurs and the other large shareholders' equity stakes fall under for the purposes of classification.

The public at large provides five times as much money for the company as the entrepreneurs. Yet, a group of individuals, whose financial contributions towards a company are exceedingly small in magnitude, effectively control the company.

<http://www.thehindubusinessline.com/2005/10/07>

4. Return on Investment (RoI): If the RoI of the company is higher, it can choose to use trading on equity to increase its EPS, i.e., its ability to use debt is greater. We have already observed in Example I that a firm can use more debt to increase its EPS. However, in Example II, use of higher debt is reducing the EPS. It is because the firm is earning an RoI of only 6.67% which is lower than its cost of debt. In example I the RoI is 13.33%, and trading on equity is profitable. It shows that, RoI is an important determinant of the company's ability to use Trading on equity and thus the capital structure.

5. Cost of debt: A firm's ability to borrow at a lower rate increases its capacity to employ higher debt. Thus, more debt can be used if debt can be raised at a lower rate.

6. Tax Rate: Since interest is a deductible expense, cost of debt is affected by the tax rate. The firms in our examples are borrowing @ 10%. Since the tax rate is 30%, the after tax cost of debt is only 7%. A higher tax rate, thus, makes debt relatively cheaper and increases its attraction vis-à-vis equity.

7. Cost of Equity: Stock owners expect a rate of return from the equity which is commensurate with the risk they are assuming. When a company increases debt, the financial risk faced by the equity holders, increases. Consequently, their desired rate of return may increase. It is for this reason that a company can not use debt beyond a point. If debt is used

beyond that point, cost of equity may go up sharply and share price may decrease inspite of increased EPS. Consequently, for maximisation of shareholders' wealth, debt can be used only upto a level.

8. Floatation Costs: Process of raising resources also involves some cost. Public issue of shares and debentures requires considerable expenditure. Getting a loan from a financial institution may not cost so much. These considerations may also affect the choice between debt and equity and hence the capital structure.

9. Risk Consideration: As discussed earlier, use of debt increases the financial risk of a business. Financial risk refers to a position when a company is unable to meet its fixed financial charges namely interest payment, preference dividend and repayment obligations. Apart from the financial risk, every business has some operating risk (also called business risk). Business risk depends upon fixed operating costs. Higher fixed operating costs result in higher business risk and vice-versa. The total risk depends upon both the business risk and the financial risk. If a firm's business risk is lower, its capacity to use debt is higher and vice-versa.

10. Flexibility: If a firm uses its debt potential to the full, it loses flexibility to issue further debt. To maintain flexibility, it must maintain some borrowing power to take care of unforeseen circumstances.

11. Control: Debt normally does not cause a dilution of control. A public

issue of equity may reduce the managements' holding in the company and make it vulnerable to takeover. This factor also influences the choice between debt and equity especially in companies in which the current holding of management is on a lower side.

12. Regulatory Framework: Every company operates within a regulatory framework provided by the law e.g., public issue of shares and debentures have to be made under SEBI guidelines. Raising funds from banks and other financial institutions require fulfillment of other norms. The relative ease with which these norms can, be met or the procedures completed may also have a bearing upon the choice of the source of finance.

13. Stock Market Conditions: If the stock markets are bullish, equity shares are more easily sold even at a higher price. Use of equity is often preferred by companies in such a situation. However, during a bearish phase, a company, may find raising of equity capital more difficult and it may opt for debt. Thus, stock market conditions often affect the choice between the two.

14. Capital Structure of other Companies: A useful guideline in the capital structure planning is the debt-equity ratios of other companies in the same industry. There are usually some industry norms which may help. Care however must be taken that the company does not follow the industry norms blindly. For example, if the business risk of a firm is higher, it can not afford the same financial risk. It

should go in for low debt. Thus, the management must know what the industry norms are, whether they are following them or deviating from them and adequate justification must be there in both cases.

FIXED AND WORKING CAPITAL

Meaning

Every company needs funds to finance its assets and activities. Investment is required to be made in fixed assets and current assets. Fixed assets are those which remains in the business for more than one year, usually for much longer, e.g., plant and machinery, furniture and fixture, land and building, vehicles, etc.

Decision to invest in fixed assets must be taken very carefully as the investment is usually quite large. Such decisions once taken are irrevocable except at a huge loss. Such decisions are called capital budgeting decisions.

Current assets are those assets which, in the normal routine of the business, get converted into cash or cash equivalents within one year, e.g., inventories, debtors, bills receivables, etc.

Management of Fixed Capital

Fixed capital refers to investment in long-term assets. Management of fixed capital involves allocation of firm's capital to different projects or assets with long-term implications for the business. These decisions are called investment decisions or capital

budgeting decisions and affect the growth, profitability and risk of the business in the long run. These long-term assets last for more than one year.

It must be financed through long-term sources of capital such as equity or preference shares, debentures, long-term loans and retained earnings of the business. Fixed Assets should never be financed through short-term sources.

Investment in these assets would also include expenditure on acquisition, expansion, modernisation and their replacement. These decisions include purchase of land, building, plant and machinery, launching a new product line or investing in advanced techniques of production. Major expenditures such as those on advertising campaign or research and development programme having long term implications for the firm are also examples of capital budgeting decisions. The management of fixed capital or investment or capital budgeting decisions are important for the following reasons:

- (i) *Long-term growth:* These decisions have bearing on the long-term growth. The funds invested in long-term assets are likely to yield returns in the future. These will affect the future prospects of the business.
- (ii) *Large amount of funds involved:* These decisions result in a substantial portion of capital funds being blocked in long-term projects. Therefore, these investments are planned after a detailed analysis is

undertaken. This may involve decisions like where to procure funds from and at what rate of interest.

- (iii) *Risk involved:* Fixed capital involves investment of huge amounts. It affects the returns of the firm as a whole in the long-term. Therefore, investment decisions involving fixed capital influence the overall business risk complexion of the firm.
- (iv) *Irreversible decisions:* These decisions once taken, are not reversible without incurring heavy losses. Abandoning a project after heavy investment is made is quite costly in terms of waste of funds. Therefore, these decisions should be taken only after carefully evaluating each detail or else the adverse financial consequences may be very heavy.

Factors affecting the Requirement of Fixed Capital

1. Nature of Business: The type of business has a bearing upon the fixed capital requirements. For example, a trading concern needs lower investment in fixed assets compared with a manufacturing organisation; since it does not require to purchase plant and machinery, etc.

2. Scale of Operations: A larger organisation operating at a higher scale needs bigger plant, more space etc. and therefore, requires higher investment in fixed assets when compared with the small organisation.

3. Choice of Technique: Some organisations are capital intensive whereas others are labour intensive. A capital-intensive organisation requires higher investment in plant and machinery as it relies less on manual labour. The requirement of fixed capital for such organisations would be higher. Labour intensive organisations on the other hand require less investment in fixed assets. Hence, their fixed capital requirement is lower.

4. Technology Upgradation: In certain industries, assets become obsolete sooner. Consequently, their replacements become due faster. Higher investment in fixed assets may, therefore, be required in such cases. For example, computers become obsolete faster and are replaced much sooner than say, furniture. Thus, such organisations which use assets which are prone to obsolescence require higher fixed capital to purchase such assets.

5. Growth Prospects: Higher growth of an organisation generally requires higher investment in fixed assets. Even when such growth is expected, a company may choose to create higher capacity in order to meet the anticipated higher demand quicker. This entails larger investment in fixed assets and consequently larger fixed capital.

6. Diversification: A firm may choose to diversify its operations for various reasons. With diversification, fixed capital requirements increase e.g., a textile company is diversifying

and starting a cement manufacturing plant. Obviously, its investment in fixed capital will increase.

7. Financing Alternatives: A developed financial market may provide leasing facilities as an alternative to outright purchase. When an asset is taken on lease, the firm pays lease rentals and uses it. By doing so, it avoids huge sums required to purchase it. Availability of leasing facilities, thus, may reduce the funds required to be invested in fixed assets, thereby reducing the fixed capital requirements. Such a strategy is specially suitable in high risk lines of business.

8. Level of Collaboration: At times, certain business organisations share each other's facilities. For example, a bank may use another's ATM or some of them may jointly establish a particular facility. This is feasible if the scale of operations of each one of them is not sufficient to make full use of the facility. Such collaboration reduces the level of investment in fixed assets for each one of the participating organisations.

WORKING CAPITAL

Apart from the investment in fixed assets every business organisation needs to invest in current assets. This investment facilitates smooth day-to-day operations of the business. Current assets are usually more liquid but contribute less to the profits than fixed assets. Examples of current assets, in order of their liquidity, are as under.

1. Cash in hand/Cash at Bank
2. Marketable securities
3. Bills receivable
4. Debtors
5. Finished goods inventory
6. Work in progress
7. Raw materials
8. Prepaid expenses

These assets, as noted earlier, are expected to get converted into cash or cash equivalents within a period of one year. These provide liquidity to the business. An asset is more liquid if it can be converted into cash quicker and without reduction in value. Insufficient investment in current assets may

make it more difficult for an organisation to meet its payment obligations. However, these assets provide little or low return. Hence, a balance needs to be struck between liquidity and profitability.

Current liabilities are those payment obligations which are due for payment within one year; such as bills payable, creditors, outstanding expenses and advances received from customers, etc.

Some part of current assets is usually financed through short-term sources, i.e., current liabilities. The rest is financed through long-term sources and is called net working capital. Thus, $NWC = CA - CL$ (i.e. Current Assets – Current Liabilities.)

Working Capital Position

“It’s been a rather glamorous 18 months, with sales just huge,” says, CFO of PT Astra International, the US \$4 billion in sales Indonesian automaker. Indonesia is on the growth path again, and a new breed of consumer is eager for a first vehicle – motorcycles – as well as Astra’s more premium brands of Hondas and Toyotas. And one of the most beautiful parts of the proposition is that working capital management seems to be taking care of itself. “Depending on the business, and counting trade receivables only, we have between eight and 19 days working capital,” which is manageable given the company’s steady growth. One of the reasons that working capital has not expanded at the rate of the business is inventory, or rather the dearth of it. “We’re in a market that responds very strongly to new products,” says the manager “and the presales of products are very high. We have advanced orders from four to six months, with deposits paid, and this helps our cash position.” Best of all, as soon as a vehicle is off the assembly line, it’s out to the dealer. “We have low inventory costs and the product lines are very easy to move.” The salutary role of banks in working capital management is one reason that cashflow has improved in his business. Better management is a result of banking competition that has allowed the company to move from traditional bankers, the state-owned Indian institutions, to more competitive private institutions and the foreign banks that partner with them. These banks have invested in technology, allowing a visibility over cashflow unheard of five years ago.

<http://www.cfoasia.com/archives/200503-02.htm>

Thus, net working capital may be defined as the excess of current assets over current liabilities.

FACTORS AFFECTING THE WORKING CAPITAL REQUIREMENTS

1. Nature of Business: The basic nature of a business influences the amount of working capital required. A trading organisation usually needs a smaller amount of working capital compared to a manufacturing organisation. This is because there is usually no processing. Therefore, there is no distinction between raw materials and finished goods. Sales can be effected immediately upon the receipt of materials, sometimes even before that. In a manufacturing business, however, raw material needs to be converted into finished goods before any sales become possible. Other factors remaining the same, a trading business requires less working capital. Similarly, service industries which usually do not have to maintain inventory require less working capital.

2. Scale of Operations: For organisations which operate on a higher scale of operation, the quantum of inventory and debtors required is generally high. Such organisations, therefore, require large amount of working capital as compared to the organisations which operate on a lower scale.

3. Business Cycle: Different phases of business cycles affect the requirement of working capital by a firm. In case of a boom, the sales as well as production are likely to be

larger and, therefore, larger amount of working capital is required. As against this, the requirement for working capital will be lower during the period of depression as the sales as well as production will be small.

4. Seasonal Factors: Most business have some seasonality in their operations. In peak season, because of higher level of activity, larger amount of working capital is required. As against this, the level of activity as well as the requirement for working capital will be lower during the lean season.

5. Production Cycle: Production cycle is the time span between the receipt of raw material and their conversion into finished goods. Some businesses have a longer production cycle while some have a shorter one. Duration and the length of production cycle, affects the amount of funds required for raw materials and expenses. Consequently, working capital requirement is higher in firms with longer processing cycle and lower in firms with shorter processing cycle.

6. Credit Allowed: Different firms allow different credit terms to their customers. These depend upon the level of competition that a firm faces as well as the credit worthiness of their clientele. A liberal credit policy results in higher amount of debtors, increasing the requirement of working capital.

7. Credit Availed: Just as a firm allows credit to its customers it also may get credit from its suppliers. To the extent it avails the credit on purchases, the working capital requirement is reduced.

8. Operating Efficiency: Firms manage their operations with varied degrees of efficiency. For example, a firm managing its raw materials efficiently may be able to manage with a smaller balance. This is reflected in a higher inventory turnover ratio. Similarly, a better debtors turnover ratio may be achieved reducing the amount tied up in receivables. Better sales effort may reduce the average time for which finished goods inventory is held. Such efficiencies may reduce the level of raw materials, finished goods and debtors resulting in lower requirement of working capital.

9. Availability of Raw Material: If the raw materials and other required materials are available freely and continuously, lower stock levels may suffice. If, however, raw materials do not have a record of un-interrupted availability, higher stock levels may be required. In addition, the time lag between the placement of order and the actual receipt of the materials (also called lead time) is also relevant. Larger the lead time, larger the quantity of material to be stored and larger shall be the amount of working capital required.

10. Growth Prospects: If the growth potential of a concern is perceived to be higher, it will require larger amount of working capital so that it is able to meet higher production and sales target whenever required.

11. Level of Competition: Higher level of competitiveness may necessitate larger stocks of finished goods to meet urgent orders from customers. This increases the working capital requirement. Competition may also force the firm to extend liberal credit terms discussed earlier.

12. Inflation: With rising prices, larger amounts are required even to maintain a constant volume of production and sales. The working capital requirement of a business thus, become higher with higher rate of inflation. It must, however, be noted that an inflation rate of 5%, does not mean that every component of working capital will change by the same percentage. The actual requirement shall depend upon the rates of price change of different components (e.g., raw material, finished goods, labour cost,) Finished goods as well as their proportion in the total requirement.

KEY TERMS

Financial Management
Financing Decision
Working Capital
Trading on Equity

Wealth Maximisation
Dividend Decision
Financial Planning

Investment Decision
Capital Budgeting
Capital Structure

SUMMARY

Business finance: The money required for carrying out business activities is called business finance. Almost all business activities require some finance. Finance is needed to establish a business, to run it, to modernise it, to expand, and diversify it.

Financial Management: Financial Management is concerned with optimal procurement as well as usage of finance. For optimal procurement, different available sources of finance are identified and compared in terms of their costs and associated risks.

Objectives and Financial Decisions The primary aim of financial management is to maximise shareholders' wealth which is referred to as the wealth maximisation concept. The market price of a company's shares are linked to the three basic financial decisions

Financial decision-making is concerned with three broad decisions which are Investment Decision, Financing Decision, Dividend Decision

Financial Planning and Importance Financial planning is essentially preparation of a financial blueprint of an organisation's future operations. The objective of financial planning is to ensure that enough funds are available at right time.

Financial planning strives to achieve the following twin objectives.

(a) *To ensure availability of funds whenever these are required:*

(b) *To see that the firm does not raise resources unnecessarily:*

Financial planning is an important part of overall planning of any business enterprise. It aims at enabling the company to tackle the uncertainty in respect of the availability and timing of the funds and helps in smooth functioning of an organisation.

Capital Structure and Factors One of the important decisions under financial management relates to the financing pattern or the proportion of the use of different sources in raising funds. On the basis of ownership, the sources of business finance can be broadly classified into two categories viz., 'owners funds' and 'borrowed funds'. Capital structure refers to the mix between owners and borrowed funds.

Deciding about the capital structure of a firm involves determining the relative proportion of various types of funds. This depends on various factors which are: Cash Flow Position, Interest Coverage Ratio (ICR), Debt Service Coverage Ratio (DSCR), Return on Investment (RoI), Cost of debt, Tax Rate, Cost of Equity, Floatation Costs, Risk Consideration, Flexibility, Control,

Regulatory Framework, Stock Market Conditions, and Capital Structure of other Companies.

Fixed and Working Capital Fixed capital refers to investment in long-term assets. Management of fixed capital involves around allocation of firm's capital to different projects or assets with long-term implications for the business. These decisions are called investment decisions or capital budgeting decisions. They affect the growth, profitability and risk of the business in the long run.

Factors affecting the Requirement of Fixed Capital are: Nature of Business, Scale of Operations, Choice of Technique, Technology Upgradation, Growth Prospects, Diversification, Financing Alternatives and Level of Collaboration.

Apart from the investment in fixed assets, every business organisation needs to invest in current assets. This investment facilitates smooth day-to-day operations of the organisation. Current assets are usually more liquid but contribute less to the profits than fixed assets.

Factors affecting the working capital requirement are: Nature of Business, Scale of Operations, Business Cycle, Seasonal Factor, Production Cycle, Credit Allowed, Credit Availed, Operating Efficiency, Availability of Raw Material, Growth Prospects, Level of competition, and rate of Inflation.

EXERCISES

Objective-type questions

1. The cheapest source of finance is:
 - a. debenture
 - b. equity share capital
 - c. preference share
 - d. retained earning
2. A decision to acquire a new and modern plant to upgrade an old one is a:
 - a. financing decision
 - b. working capital decision
 - c. investment decision
 - d. None of the above
3. Other things remaining the same, an increase in the tax rate on corporate profits will:
 - a. make the debt relatively cheaper
 - b. make the debt relatively the dearer
 - c. have no impact on the cost of debt
 - d. we can't say

4. Companies with a higher growth pattern are likely to:
 - a. pay lower dividends
 - b. pay higher dividends
 - c. dividends are not affected by growth considerations
 - d. none of the above
5. Financial leverage is called favourable if:
 - a. Return on Investment is lower than the cost of debt
 - b. ROI is higher than the cost of debt
 - c. Debt is easily available
 - d. If the degree of existing financial leverage is low
6. Higher debt-equity ratio results in:
 - a. lower financial risk
 - b. higher degree of operating risk
 - c. higher degree of financial risk
 - d. higher EPS
7. Higher working capital usually results in:
 - a. higher current ratio, higher risk and higher profits
 - b. lower current ratio, higher risk and profits
 - c. higher equity, lower risk and lower profits
 - d. lower equity, lower risk and higher profits
8. Current assets are those assets which get converted into cash:
 - a. within six months
 - b. within one year
 - c. between one and three years
 - d. between three and five years
9. Financial planning arrives at:
 - a. minimising the external borrowing by resorting to equity issues
 - b. entering that the firm always have significantly more fund than required so that there is no paucity of funds
 - c. ensuring that the firm faces neither a shortage nor a glut of unusable funds
 - d. doing only what is possible with the funds that the firms has at its disposal

10. Higher dividend per share is associated with:
 - a. high earnings, high cash flows, unstable earnings and higher growth opportunities
 - b. high earnings, high cash flows, stable earnings and high growth opportunities
 - c. high earnings, high cash flows, stable earnings and lower growth opportunities
 - d. high earnings, low cash flows, stable earnings and lower growth opportunities
11. A fixed asset should be financed through:
 - a. a long-term liability
 - b. a short-term liability
 - c. a mix of long and short-term liabilities
12. Current assets of a business firm should be financed through:
 - a. current liability only
 - b. long-term liability only
 - c. both types (i.e. long and short term liabilities)

Short answer questions

1. What is meant by capital structure?
2. Discuss the two objectives of financial planning.
3. What is 'Financial Risk?' Why does it arise?
4. Define 'Current Assets'. Give four examples of such assets.
5. Financial management is based on three broad financial decisions. What are these?
6. What are the main objectives of financial management? Briefly explain.
7. How does working capital affect both the liquidity as well as profitability of a business?

Long answer questions

1. What is working capital? How is it calculated? Discuss five important determinants of working capital requirement.
2. "Capital structure decision is essentially optimisation of risk-return relationship." Comment.
3. "A capital budgeting decision is capable of changing the financial fortunes of a business." Do you agree? Give reasons for your answer?
4. Explain the factors affecting the dividend decision.

5. Explain the term 'Trading on Equity'. Why, when and how it can be used by a company?

Case Problem

'S' Limited is manufacturing steel at its plant in India. It is enjoying a buoyant demand for its products as economic growth is about 7%-8% and the demand for steel is growing. It is planning to set up a new steel plant to cash on the increased demand. It is estimated that it will require about Rs. 5000 crores to set up and about Rs 500 crores of working capital to start the new plant.

Questions

1. Describe the role and objectives of financial management for this company.
2. Explain the importance of having a financial plan for this company. Give an imaginary plan to support your answer.
3. What are the factors which will affect the capital structure of this company?
4. Keeping in mind that it is a highly capital-intensive sector, what factors will affect the fixed and working capital. Give reasons in support of your answer.

Project Work

1. Pick up the annual reports of 2 or more companies engaged in the same line of business. You can access this data on the respective website of the companies and other sources. Compare their capital structures. Analyse the reasons for the difference. You can also use ratio analysis for this. Prepare a report of your findings and discuss it in the class with the help of your teacher.
2. From the annual reports that you use in activity, analyse the working capital of the companies. You can use short-term solvency ratios. Study the operating cycle of the line of business you have chosen and prepare a report as to the soundness of the working capital management of the companies you are studying. Prepare a report of your findings and discuss it in class with the help of your teacher.

CHAPTER 10

FINANCIAL MARKETS

LEARNING OBJECTIVES

After studying this chapter, you should be able to:

- explain the meaning of Financial Market;
- explain the meaning of Money Market and describe its major Instruments;
- explain the nature and types of Capital Market;
- distinguish between Money Market and Capital Market;
- explain the meaning and functions of Stock Exchange;
- describe the functioning of NSEI and OTCEI; and
- describe the role of SEBI in investor protection.

IDEA SEEKS TO CAPITALISE ON MARKET MOMENTUM

With the explosive growth of their subscriber base, telecom companies are all looking at capital markets to raise funds to fuel their expansion plan. Idea Cellular, the fifth largest operator in the country and the flagship telecom venture of AV Birla Group, has decided to enter the capital market to raise between Rs. 1,700 and Rs. 2,000 crore.

The company has appointed J.M. Morgan Stanley, Merrill Lynch among other as book-runners for the proposed Initial Public Offer (IPO), which is expected to be ready by January end.

Since, under SEBI norms, the minimum float size is 10 per cent, the company will divest between 10 and 12 per cent, "The last private placement made by the promoters is at a market capitalisation of Rs. 15,000 crore. The proposed float is expected to be at 10 to 20 per cent premium of the private placement price," AV Birla Group recently divested 35 per cent stake in the company to a clutch of private equity firms. However, this is a fresh issue of shares, where the proceeds will be utilised by Ideal Cellular for capital expenditure. After the proposed issues, the promoters stake will come down to around 58 per cent.

Source: www.hindustantimes.com

INTRODUCTION

You all know that a business needs finance from the time an entrepreneur makes the decision to start it. It needs finance both for working capital requirements such as payments for raw materials and salaries to its employees, and fixed capital expenditure such as the purchase of machinery or building or to expand its production capacity. The above example gives a fair picture of how companies need to raise funds from the capital markets. Idea Cellular decided to enter the Indian capital market for its needs of expansion. In this chapter you will study concepts like private placement, Initial public Offer (IPO) and capital markets which you come across in the example of Idea Cellular. Business can raise these funds from various sources and in different ways through financial markets. This chapter provides a brief description of the mechanism through which finances are mobilised by a business organisation for both short term and long term requirements. It also explains the institutional structure and the regulatory measures for different financial markets.

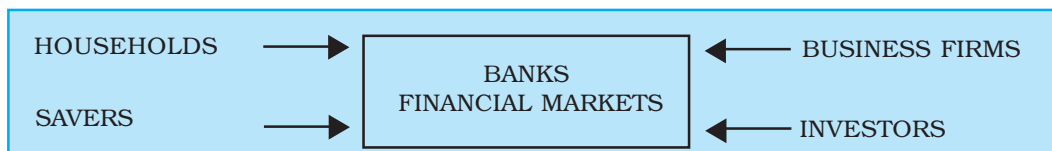
CONCEPT OF FINANCIAL MARKET

A business is a part of an economic system that consists of two main

sectors – households which save funds and business firms which invest these funds. A financial market helps to link the savers and the investors by mobilizing funds between them. In doing so it performs what is known as an allocative function. It allocates or directs funds available for investment into their most productive investment opportunity. When the allocative function is performed well, two consequences follow:

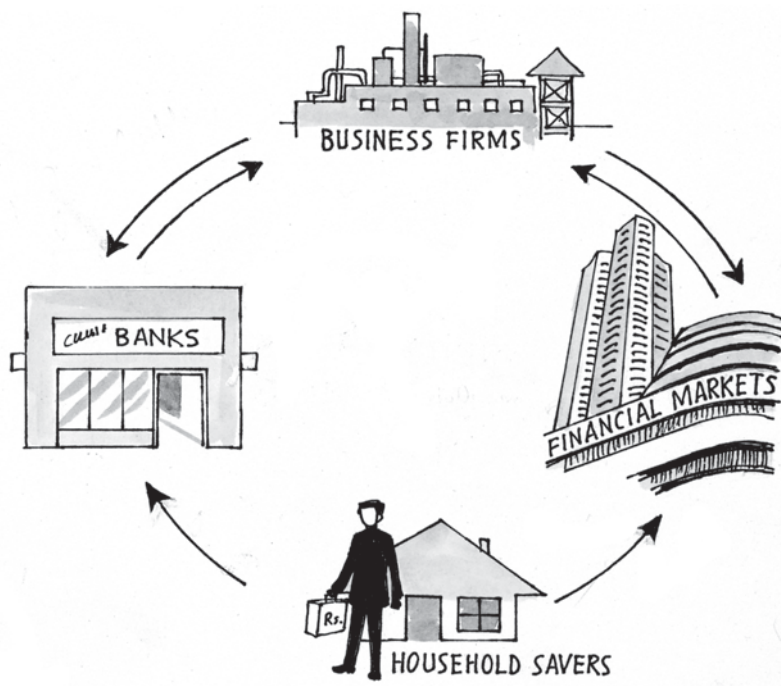
- The rate of return offered to households would be higher
- Scarce resources are allocated to those firms which have the highest productivity for the economy.

There are two major alternative mechanisms through which allocation of funds can be done: via banks or via financial markets. Households can deposit their surplus funds with banks, who in turn could lend these funds to business firms. Alternately, households can buy the shares and debentures offered by a business using financial markets. The process by which allocation of funds is done is called financial intermediation. Banks and financial markets are competing intermediaries in the financial system, and give households a choice of where they want to place their savings.



A financial market is a market for the creation and exchange of financial assets. Financial markets exist

1. Mobilisation of Savings and Channeling them into the most Productive Uses: A financial market



Financial System

wherever a financial transaction occurs. Financial transactions could be in the form of creation of financial assets such as the initial issue of shares and debentures by a firm or the purchase and sale of existing financial assets like equity shares, debentures and bonds.

FUNCTIONS OF FINANCIAL MARKET

Financial markets play an important role in the allocation of scarce resources in an economy by performing the following four important functions.

facilitates the transfer of savings from savers to investors. It gives savers the choice of different investments and thus helps to channelise surplus funds into the most productive use.

2. Facilitating Price Discovery: You all know that the forces of demand and supply help to establish a price for a commodity or service in the market. In the financial market, the households are suppliers of funds and business firms represent the demand. The interaction between them helps to establish a price for the financial asset which is being traded in that particular market.

3. Providing Liquidity to Financial

Assets: Financial markets facilitate easy purchase and sale of financial assets. In doing so they provide liquidity to financial assets, so that they can be easily converted into cash whenever required. Holders of assets can readily sell their financial assets through the mechanism of the financial market.

4.Reducing the Cost of Transactions:

Financial markets provide valuable information about securities being traded in the market. It helps to save time, effort and money that both buyers and sellers of a financial asset would have to otherwise spend to try and find each other. The financial market is thus, a common platform where buyers and sellers can meet for fulfillment of their individual needs.

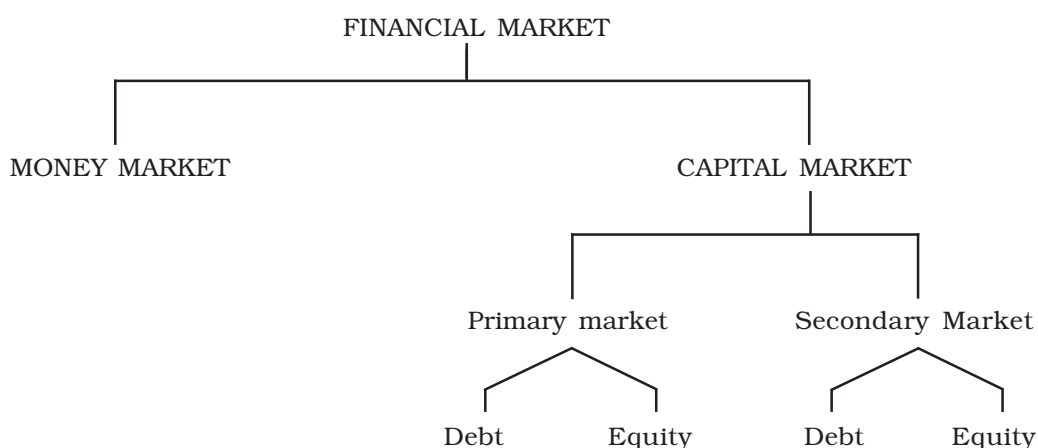
Financial markets are classified on the basis of the maturity of financial instruments traded in them. Instruments with a maturity of less

than one year are traded in the money market. Instruments with longer maturity are traded in the capital market.

MONEY MARKET

The money market is a market for short term funds which deals in monetary assets whose period of maturity is upto one year. These assets are close substitutes for money. It is a market where low risk, unsecured and short term debt instruments that are highly liquid are issued and actively traded everyday. It has no physical location, but is an activity conducted over the telephone and through the internet. It enables the raising of short-term funds for meeting the temporary shortages of cash and obligations and the temporary deployment of excess funds for earning returns. The major participants in the market are the Reserve Bank of India

Classification of Financial Markets



(RBI), Commercial Banks, Non-Banking Finance Companies, State Governments, Large Corporate Houses and Mutual Funds.

MONEY MARKET INSTRUMENTS

1. Treasury Bill: A Treasury bill is basically an instrument of short-term borrowing by the Government of India maturing in less than one year. They are also known as Zero Coupon Bonds issued by the Reserve Bank of India on behalf of the Central Government to meet its short-term requirement of funds. Treasury bills are issued in the form of a promissory note. They are highly liquid and have assured yield and negligible risk of default. They are issued at a price which is lower than their face value and repaid at par. The difference between the price at which the treasury bills are issued and their redemption value is the interest receivable on them and is called discount. Treasury bills are available for a minimum amount of Rs 25,000 and in multiples thereof.

Example: Suppose an investor purchases a 91 days Treasury bill with a face value of Rs. 1,00,000 for Rs. 96,000. By holding the bill until the maturity date, the investor receives Rs. 1,00,000. The difference of Rs. 4,000 between the proceeds received at maturity and the amount paid to purchase the bill represents the interest received by him.

2. Commercial Paper: Commercial paper is a short-term unsecured promissory note, negotiable and

transferable by endorsement and delivery with a fixed maturity period. It is issued by large and creditworthy companies to raise short-term funds at lower rates of interest than market rates. It usually has a maturity period of 15 days to one year. The issuance of commercial paper is an alternative to bank borrowing for large companies that are generally considered to be financially strong. It is sold at a discount and redeemed at par. The original purpose of commercial paper was to provide short-term funds for seasonal and working capital needs. For example companies use this instrument for purposes such as bridge financing.

Example: Suppose a company needs long-term finance to buy some machinery. In order to raise the long term funds in the capital market the company will have to incur floatation costs (costs associated with floating of an issue are brokerage, commission, printing of applications and advertising etc.). Funds raised through commercial paper are used to meet the floatation costs. This is known as Bridge Financing.

3. Call Money: Call money is short term finance repayable on demand, with a maturity period of one day to fifteen days, used for inter-bank transactions. Commercial banks have to maintain a minimum cash balance known as cash reserve ratio. The Reserve Bank of India changes the cash reserve ratio from time to time which in turn affects the amount of funds available to be given as loans by commercial banks. Call money is a method by which banks borrow from each other to be able to maintain the

cash reserve ratio. The interest rate paid on call money loans is known as the call rate. It is a highly volatile rate that varies from day-to-day and sometimes even from hour-to-hour. There is an inverse relationship between call rates and other short-term money market instruments such as certificates of deposit and commercial paper. A rise in call money rates makes other sources of finance such as commercial paper and certificates of deposit cheaper in comparison for banks raise funds from these sources.

4. Certificate of Deposit: Certificates of deposit (CD) are unsecured, negotiable, short-term instruments in bearer form, issued by commercial banks and development financial institutions. They can be issued to individuals, corporations and companies during periods of tight liquidity when the deposit growth of banks is slow but the demand for

credit is high. They help to mobilise a large amount of money for short periods.

5. Commercial Bill: A commercial bill is a bill of exchange used to finance the working capital requirements of business firms. It is a short-term, negotiable, self-liquidating instrument which is used to finance the credit sales of firms. When goods are sold on credit, the buyer becomes liable to make payment on a specific date in future. The seller could wait till the specified date or make use of a bill of exchange. The seller (drawer) of the goods draws the bill and the buyer (drawee) accepts it. On being accepted, the bill becomes a marketable instrument and is called a trade bill. These bills can be discounted with a bank if the seller needs funds before the bill matures. When a trade bill is accepted by a commercial bank it is known as a commercial bill.

Sterlite Industries

Sterlite Industries, part of the London listed Vedanta Resources Group, is scheduled to be listed on the New York Stock Exchange through an initial public offering (IPO) of about \$2 billion. The proceeds will be used to fund its \$1.9 billion, Greenfield power project in Orissa and to expand its aluminium and copper facilities.

The IPO is a part of an enabling resolution passed by Sterlite to raise upto 12,500 crores through American Depository Shares (ADS). Consequently, the company has increased its authorised capital from Rs 150 crore to Rs 185 crore by creating an additional 17.5 crore equity shares of Rs 2 each. The shares of Sterlite, which will be among the first metal firms from India to list on NYSE, outpaced Sensex and rose by 1.4% to close at Rs 545.2 on BSE on the day of the announcement.

Source: The Economic Times

CAPITAL MARKET

The term capital market refers to facilities and institutional arrangements through which long-term funds, both debt and equity are raised and invested. It consists of a series of channels through which savings of the community are made available for industrial and commercial enterprises and for the public in general. It directs these savings into their most productive use leading to growth and development of the economy. The capital market consists of development banks, commercial banks and stock exchanges.

An ideal capital market is one where finance is available at reasonable cost. The process of economic development is facilitated by the existence of a well functioning capital market. In fact, development of the financial system is seen as a necessary condition for economic growth. It is essential that financial institutions are sufficiently developed and that market operations are free, fair, competitive and transparent. The capital market should also be efficient in respect of the information that it delivers, minimise transaction costs and allocate capital most productively.

The Capital Market can be divided into two parts: a. Primary Market
b. Secondary Market

Distinction between Capital Market and Money Market

The major points of distinction between the two markets are as follows:

(i) *Participants:* The participants in the capital market are financial

institutions, banks, corporate entities, foreign investors and ordinary retail investors from members of the public. Participation in the money market is by and large undertaken by institutional participants such as the RBI, banks, financial institutions and finance companies. Individual investors although permitted to transact in the secondary money market, do not normally do so.

(ii) *Instruments:* The main instruments traded in the capital market are – equity shares, debentures, bonds, preference shares etc. The main instruments traded in the money market are short term debt instruments such as T-bills, trade bills reports, commercial paper and certificates of deposit.

(iii) *Investment Outlay:* Investment in the capital market i.e. securities does not necessarily require a huge financial outlay. The value of units of securities is generally low i.e. Rs 10, Rs 100 and so is the case with minimum trading lot of shares which is kept small i.e. 5, 50, 100 or so. This helps individuals with small savings to subscribe to these securities. In the money market, transactions entail huge sums of money as the instruments are quite expensive.

(iv) *Duration:* The capital market deals in medium and long term securities such as equity shares and debentures. Money market instruments have a maximum tenure of one year, and may even be issued for a single day.

- (v) *Liquidity*: Capital market securities are considered liquid investments because they are marketable on the stock exchanges. However, a share may not be actively traded, i.e. it may not easily find a buyer. Money market instruments on the other hand, enjoy a higher degree of liquidity as there is formal arrangement for this. The Discount Finance House of India (DFHI) has been established for the specific objective of providing a ready market for money market instruments.
- (vi) *Safety*: Capital market instruments are riskier both with respect to returns and principal repayment. Issuing companies may fail to perform as per projections and promoters may defraud investors. But the money market is generally much safer with a minimum risk of default. This is due to the shorter duration of investing and also to financial soundness of the issuers, which primarily are the government, banks and highly rated companies.
- (vii) *Expected return*: The investment in capital markets generally yield a higher return for investors than the money markets. The possibility of earnings is higher if the securities are held for a longer duration. First, there is the scope of earning capital gains in equity share. Second, in the long run, the prosperity of a company is shared by shareholders by way of high dividends and bonus issues.

PRIMARY MARKET

The primary market is also known as the new issues market. It deals with new securities being issued for the first time. The essential function of a primary market is to facilitate the transfer of investible funds from savers to entrepreneurs seeking to establish new enterprises or to expand existing ones through the issue of securities for the first time. The investors in this market are banks, financial institutions, insurance companies, mutual funds and individuals.

A company can raise capital through the primary market in the form of equity shares, preference shares, debentures, loans and deposits. Funds raised may be for setting up new projects, expansion, diversification, modernisation of existing projects, mergers and takeovers etc.

Methods of Floatation

There are various methods of floating new issues in the primary market :

1. Offer through Prospectus: Offer through prospectus is the most popular method of raising funds by public companies in the primary market. This involves inviting subscription from the public through issue of prospectus. A prospectus makes a direct appeal to investors to raise capital, through an advertisement in newspapers and magazines. The issues may be underwritten and also are required to be listed on at least one stock exchange. The contents of the prospectus have to be in accordance

with the provisions of the Companies Act and SEBI disclosure and investor protection guidelines.

2. Offer for Sale: Under this method securities are not issued directly to the public but are offered for sale through intermediaries like issuing houses or stock brokers. In this case, a company sells securities enbloc at an agreed price to brokers who, in turn, resell them to the investing public.

3. Private Placement: Private placement is the allotment of securities by a company to institutional investors and some selected individuals. It helps to raise capital more quickly than a public issue. Access to the primary

market can be expensive on account of various mandatory and non-mandatory expenses. Some companies, therefore, cannot afford a public issue and choose to use private placement.

4. Rights Issue: This is a privilege given to existing shareholders to subscribe to a new issue of shares according to the terms and conditions of the company. The shareholders are offered the 'right' to buy new shares in proportion to the number of shares they already possess.

5. e-IPOs: A company proposing to issue capital to the public through the on-line system of the stock exchange has to enter into an agreement with the

PRIMARY AND SECONDARY MARKETS — A COMPARISON

<i>Primary Market (New Issue Market)</i>	<i>Secondary Market (Stock Exchange)</i>
(i) There is sale of securities by new companies or further (new issues of securities by existing companies to investors).	(i) There is trading of existing shares only.
(ii) Securities are sold by the company to the investor directly (or through an intermediary).	(ii) Ownership of existing securities is exchanged between investors. The company is not involved at all.
(iii) The flow of funds is from savers to investors, i.e. the primary market directly promotes capital formation.	(iii) Enhances encashability (liquidity) of shares, i.e. the secondary market indirectly promotes capital formation.
(iv) Only buying of securities takes place in the primary market, securities cannot be sold there.	(iv) Both the buying and the selling of securities can take place on the stock exchange.
(v) Prices are determined and decided by the management of the company.	(v) Prices are determined by demand and supply for the security.
(vi) There is no fixed geographical location.	(vi) Located at specified places.

stock exchange. This is called an Initial Public Offer (IPO). SEBI registered brokers have to be appointed for the purpose of accepting applications and placing orders with the company. The issuer company should also appoint a registrar to the issue having electronic connectivity with the exchange. The issuer company can apply for listing of its securities on any exchange other than the exchange through which it has offered its securities. The lead manager coordinates all the activities amongst intermediaries connected with the issue.

SECONDARY MARKET

The secondary market is also known as the stock market or stock exchange. It is a market for the purchase and sale of existing securities. It helps existing investors to disinvest and fresh investors to enter the market. It also provides liquidity and marketability to

existing securities. It also contributes to economic growth by channelising funds towards the most productive investments through the process of disinvestment and reinvestment. Securities are traded, cleared and settled within the regulatory framework prescribed by SEBI. Advances in information technology have made trading through stock exchanges accessible from anywhere in the country through trading terminals. Along with the growth of the primary market in the country, the secondary market has also grown significantly during the last ten years.

STOCK EXCHANGE

A stock exchange is an institution which provides a platform for buying and selling of existing securities. As a market, the stock exchange facilitates the exchange of a security (share,

History of the Stock Market in India

The history of the stock market in India goes back to the end of the eighteenth century when long-term negotiable securities were first issued. In 1850 the Companies Act was introduced for the first time bringing with it the feature of limited liability and generating investor interest in corporate securities. The first stock exchange in India was set-up in 1875 as The Native Share and Stock Brokers Association in Bombay. Today it is known as the Bombay Stock Exchange (BSE). This was followed by the development of exchanges in Ahmedabad (1894), Calcutta (1908) and Madras (1937). It is interesting to note that stock exchanges were first set up in major centers of trade and commerce.

Until the early 1990s, the Indian secondary market comprised regional stock exchanges with BSE heading the list. After the reforms of 1991, the Indian secondary market acquired a three tier form. This consists of:

- Regional Stock Exchanges
- National Stock Exchange (NSE)
- Over the Counter Exchange of India (OTCEI)



Bombay Stock Exchange

debenture etc.) into money and vice versa. Stock exchanges help companies raise finance, provide liquidity and safety of investment to the investors and enhance the credit worthiness of individual companies.

Meaning of Stock Exchange

According to Securities Contracts (Regulation) Act 1956, stock exchange means any body of individuals, whether incorporated or not, constituted for the purpose of assisting, regulating or controlling the business of buying and selling or dealing in securities.

Functions of a Stock Exchange

The efficient functioning of a stock exchange creates a conducive climate for an active and growing primary market for new issues. An active and healthy secondary market in existing securities leads to positive environment among investors. The following are some of the important functions of a stock exchange.

1. Providing Liquidity and Marketability to Existing Securities:

The basic function of a stock exchange is the creation of a continuous market where securities are bought and sold. It gives investors the chance to disinvest and reinvest. This provides both liquidity and easy marketability to already existing securities in the market.

2. Pricing of Securities: Share prices on a stock exchange are determined by the forces of demand and supply. A stock exchange is a mechanism of constant valuation through which the prices of securities are determined. Such a valuation provides important instant information to both buyers and sellers in the market.

3. Safety of Transaction: The membership of a stock exchange is well-regulated and its dealings are well defined according to the existing legal framework. This ensures that the investing public gets a safe and fair deal on the market.

4. Contributes to Economic Growth:

A stock exchange is a market in which existing securities are resold or traded. Through this process of disinvestment and reinvestment savings get channelised into their most productive investment avenues. This leads to capital formation and economic growth.

5. Spreading of Equity Cult: The stock exchange can play a vital role in ensuring wider share ownership by regulating new issues, better trading practices and taking effective steps in educating the public about investments.

6. Providing Scope for Speculation:

The stock exchange provides sufficient scope within the provisions of law for speculative activity in a restricted and controlled manner. It is generally accepted that a certain degree of healthy speculation is necessary to ensure liquidity and price continuity in the stock market.

TRADING AND SETTLEMENT PROCEDURE

Trading in securities is now executed through an on-line, screen-based electronic trading system. Simply put, all buying and selling of shares and debentures are done through a computer terminal.

There was a time when in the open outcry system, securities were bought and sold on the floor of the stock exchange. Under this auction system, deals were struck among brokers, prices were shouted out and the shares sold to the highest bidder. However, now almost all exchanges have gone



Electronic Trading System

electronic and trading is done in the broker's office through a computer terminal. A stock exchange has its main computer system with many terminals spread across the country. Trading in securities is done through brokers who are members of the stock exchange. Trading has shifted from the stock market floor to the brokers office.

Every broker has to have access to a computer terminal that is connected to the main stock exchange. In this screen-based trading, a member logs on to the site and any information about the shares (company, member, etc.) he wishes to buy or sell and the price is fed into the computer. The software is so designed that the transaction will be executed when a matching order is found from a counter party. The whole transaction is carried on the computer screen with both the parties being able to see the prices of all shares going up and down at all times during the time that business is transacted and during business hours of the stock exchange. The computer in the brokers office is constantly matching the orders at the best bid and offer price. Those that are not matched remain on the screen and are open for future matching during the day.

Electronic trading systems or screen-based trading has certain advantages:

1. It ensures transparency as it allows participants to see the prices of all securities in the market while business is being transacted. They

are able to see the full market during real time.

2. It increases efficiency of information being passed on, thus helping in fixing prices efficiently. The computer screens display information on prices and also capital market developments that influence share prices.
3. It increases the efficiency of operations, since there is reduction in time, cost and risk of error.
4. People from all over the country and even abroad who wish to participate in the stock market can buy or sell securities through brokers or members without knowing each other. That is, they can sit in the broker's office, log on to the computer at the same time and buy or sell securities. This system has enabled a large number of participants to trade with each other, thereby improving the liquidity of the market.
5. A single trading platform has been provided as business is transacted at the same time in all the trading centres. Thus, all the trading centres spread all over the country have been brought onto one trading platform, i.e., the stock exchange, on the computer.

Now, screen-based trading or on-line trading is the only way in which you can buy or sell shares. Shares can be held either in physical form or an electronic book entry form of holding

and transferring shares can also be adopted. This electronic form is called dematerialised form.

Steps in the Trading and Settlement Procedure

It has been made compulsory to settle all trades within 2 days of the trade date, i.e., on a T+2 basis, since 2003. Prior to the reforms, securities were bought and sold, i.e., traded and all positions in the stock exchange were settled on a weekly/fortnightly settlement cycle whether it was delivery of securities or payment of cash. This system prevailed for a long time as it increased the volume of trading on the exchange and provided liquidity to the system. However, since trades were to be settled on specified dates, this gave rise to speculation and price of shares used to rise and fall suddenly due to trading and defaults by brokers. A new system, i.e, rolling settlement, was introduced in 2000, so that whenever a trade took place it would be settled after some days. Since 2003, all shares have to be covered under the rolling settlement system on a T+2 basis, meaning thereby that transactions in securities are settled within 2 days after the trade date. Since rolling settlement implies fast movement of shares, it requires effective implementation of electronic fund transfer and dematerialisation of shares.

The following steps are involved in the screen-based trading for buying and selling of securities:

1. If an investor wishes to buy or sell any security he has to first approach a registered broker or sub-broker and enter into an agreement with him. The investor has to sign a broker-client agreement and a client registration form before placing an order to buy or sell securities. He has also to provide certain other details and information. These include:
 - PAN number
(This is mandatory)
 - Date of birth and address.
 - Educational qualification and occupation.
 - Residential status (Indian/NRI).
 - Bank account details.
 - Depository account details.
 - Name of any other broker with whom registered.
 - Client code number in the client registration form.

The broker then opens a trading account in the name of the investor.
2. The investor has to open a 'demat' account or 'beneficial owner' (BO) account with a depository participant (DP) for holding and transferring securities in the demat form. He will also have to open a bank account for cash transactions in the securities market.
3. The investor then places an order with the broker to buy or sell shares. Clear instructions have to be given about the number of shares and the price at which the shares should be bought or sold. The broker will then go ahead with the deal at the above mentioned price or the best price available. An order confirmation slip is issued to the investor by the broker.
4. The broker then will go on-line and connect to the main stock exchange and match the share and best price available.
5. When the shares can be bought or sold at the price mentioned, it will be communicated to the broker's terminal and the order will be executed electronically. The broker will issue a trade confirmation slip to the investor.
6. After the trade has been executed, within 24 hours the broker issues a Contract Note. This note contains details of the number of shares bought or sold, the price, the date and time of deal, and the brokerage charges. This is an important document as it is legally enforceable and helps to settle disputes/claims between the investor and the broker. A Unique Order Code number is assigned to each transaction by the stock exchange and is printed on the contract note.
7. Now, the investor has to deliver the shares sold or pay cash for the shares bought. This should be done immediately after receiving the

contract note or before the day when the broker shall make payment or delivery of shares to the exchange. This is called the pay-in day.

8. Cash is paid or securities are delivered on pay-in day, which is before the T+2 day as the deal has to be settled and finalised on the T+2 day. The settlement cycle is on T+2 day on a rolling settlement basis, w.e.f. 1 April 2003.
9. On the T+2 day, the exchange will deliver the share or make payment to the other broker. This is called the pay-out day. The broker then has to make payment to the investor within 24 hours of the pay-out day since he has already received payment from the exchange.
10. The broker can make delivery of shares in demat form directly to the investor's demat account. The investor has to give details of his demat account and instruct his depository participant to take delivery of securities directly in his beneficial owner account.

Dematerialisation and Depositories

All trading in securities is now done through computer terminals. Since all systems are computerised, buying and selling of securities are settled through an electronic book entry form. This is mainly done to eliminate problems like theft, fake/forged transfers, transfer

delays and paperwork associated with share certificates or debentures held in physical form.

This is a process where securities held by the investor in the physical form are cancelled and the investor is given an electronic entry or number so that she/he can hold it as an electronic balance in an account. This process of holding securities in an electronic form is called dematerialisation. For this, the investor has to open a demat account with an organisation called a depository. In fact, now all Initial Public Offers (IPOs) are issued in dematerialisation form and more than 99% of the turnover is settled by delivery in the demat form.

The Securities and Exchange Board of India (SEBI) has made it mandatory for the settlement procedures to take place in demat form in certain select securities. Holding shares in demat form is very convenient as it is just like a bank account. Physical shares can be converted into electronic form or electronic holdings can be reconverted into physical certificates (rematerialisation). Dematerialisation enables shares to be transferred to some other account just like cash and ensures settlement of all trades through a single account in shares. These demat securities can even be pledged or hypothecated to get loans. There is no danger of loss, theft or forgery of share certificates. It is the broker's responsibility to credit the investor's account with the correct number of shares.

Working of the Demat System

1. A depository participant (DP), either a bank, broker, or financial services company, may be identified.
2. An account opening form and documentation (PAN card details, photograph, power of attorney) may be completed.
3. The physical certificate is to be given to the DP along with a dematerialisation request form.
4. If shares are applied in a public offer, simple details of DP and demat account are to be given and the shares on allotment would automatically be credited to the demat account.
5. If shares are to be sold through a broker, the DP is to be instructed to debit the account with the number of shares.
6. The broker then gives instruction to his DP for delivery of the shares to the stock exchange.
7. The broker then receives payment and pay the person for the shares sold.
8. All these transactions are to be completed within 2 days, i.e., delivery of shares and payment received from the buyer is on a T+2 basis, settlement period.

Depository

Just like a bank keeps money in safe custody for customers, a depository also is like a bank and keeps securities

in electronic form on behalf of the investor. In the depository a securities account can be opened, all shares can be deposited, they can be withdrawn/sold at any time and instruction to deliver or receive shares on behalf of the investor can be given. It is a technology driven electronic storage system. It has no paper work relating to share certificates, transfer, forms, etc. All transactions of the investors are settled with greater speed, efficiency and use as all securities are entered in a book entry mode.

In India, there are two depositories. National Securities Depositories Limited (NSDL) is the first and largest depository presently operational in India. It was promoted as a joint venture of the IDBI, UTI, and the National Stock Exchange.

The Central Depository Services Limited (CDSL) is the second depository to commence operations and was promoted by the Bombay Stock Exchange and the Bank of India. Both these national level depositories operate through intermediaries who are electronically connected to the depository and serve as contact points with the investors and are called depository participants.

The depository participant (DP) serves as an intermediary between the investor and the Depository (NSDL or CSDL) who is authorised to maintain the accounts of dematerialised shares. Financial institutions, banks, clearing corporations, stock brokers and non-banking finance corporations are

permitted to become depository participants. If the investor is buying and selling the securities through the broker or the bank or a non-banking finance corporation, it acts as a DP for the investor and complete the formalities.

NATIONAL STOCK EXCHANGE OF INDIA (NSE)

The National Stock Exchange is the latest, most modern and technology driven exchange. It was incorporated in 1992 and was recognised as a stock exchange in April 1993. It started operations in 1994, with trading on the wholesale debt market segment. Subsequently, it launched the capital market segment in November 1994 as a trading platform for equities and the futures and options segment in June 2000 for various derivative instruments.

NSE has set up a nationwide fully automated screen based trading system.

The NSE was set up by leading financial institutions, banks, insurance companies and other financial intermediaries. It is managed by professionals, who do not directly or indirectly trade on the exchange. The trading rights are with the trading members who offer their services to the investors. The Board of NSE comprises senior executives from promoter institutions and eminent professionals, without having any representation from trading members.

OBJECTIVES OF NSE

NSE was set up with the following objectives:

- a. Establishing a nationwide trading facility for all types of securities.
- b. Ensuring equal access to investors all

Stock Market Index

A stock market index is a barometer of market behaviour. It measures overall market sentiment through a set of stocks that are representative of the market. It reflects market direction and indicates day-to-day fluctuations in stock prices. An ideal index must represent changes in the prices of securities and reflect price movements of typical shares for better market representation. In the Indian markets the BSE, SENSEX and NSE, NIFTY are important indices. Some important global stock market indices are:

- Dow Jones Industrial Average is among the oldest quoted stock market index in the US.
- NASDAQ Composite Index is the market capitalisation weightages of prices for stocks listed in the NASDAQ stock market.
- S and P 500 Index is made up of 500 biggest publicly traded companies in the US. The S and P 500 is often treated as a proxy for the US stock market.
- FTSE 100 consists of the largest 100 companies by full market value listed on the London Stock Exchange. The FTSE 100 is the benchmark index of the European market.

- over the country through an appropriate communication network.
- c. Providing a fair, efficient and transparent securities market using electronic trading system.
 - d. Enabling shorter settlement cycles and book entry settlements.
 - e. Meeting international benchmarks and standards.

Within a span of ten years, NSE has been able to achieve its objectives for which it was set up. It has been playing a leading role as a change agent in transforming the Indian capital market. NSE has been able to take the stock market to the door step of the investors. It has ensured that technology has been harnessed to deliver the services to the investors across the country at the lowest cost. It has provided a nation wide screen based automated trading system with a high degree of transparency and equal access to investors irrespective of geographical location.

MARKET SEGMENTS OF NSE

The Exchange provides trading in the following two segments.

- (i) *Whole Sale Debt Market Segment:* This segment provides a trading platform for a wide range of fixed income securities that include central government securities, treasury bills, state development loans, bonds issued by public sector undertakings, floating rate bonds, zero coupon bonds, index bonds, commercial paper, certificate of deposit, corporate debentures and mutual funds.
- (ii) *Capital Market Segment:* The capital market segment of NSE provides an efficient and transparent platform for trading in equity, preference, debentures, exchange traded funds as well as retail Government securities.

BSE (BOMBAY STOCK EXCHANGE LTD.)

BSE Ltd (formerly known as Bombay Stock Exchange Ltd) was established in 1875 and was Asia's first Stock Exchange. It was granted permanent recognition under the Securities Contract (Regulation) Act, 1956. It has contributed to the growth of the

Some Common Stock Market Terms

You would have often come across the following terms in magazines or newspapers when you read about the stock market.

BOURSES is another word for the stock market

BULLS and BEARS – The term does not refer to animals but to market sentiment of the investors. A Bullish phase refers to a period of optimism and a Bearish phase to a period of pessimism on the Bourses.

BADLA – This refers to a carry forward system of settlement, particularly at the BSE. It is a facility that allows the postponement of the delivery or payment of a transaction from one settlement period to another.

ODD LOT TRADING – Trading in multiples of 100 stocks or less.

PENNY STOCKS – These are securities that have no value on the stock exchange but whose trading contributes to speculation.

corporate sector by providing a platform for raising capital. It is known as BSE Ltd but was established as the Native Share Stock Brokers Association in 1875. Even before the actual legislations were enacted, BSE Ltd already had a set of Rules and Regulations to ensure an orderly growth of the securities market. As discussed earlier, a stock exchange can be set up as a corporate entity with different individuals (who are not brokers) as members or shareholders. BSE is one such exchange set up as a corporate entity with a broad shareholder base. It has the following objectives:

- (a) To provide an efficient and transparent market for trading in equity, debt instruments, derivatives, and mutual funds.
- (b) To provide a trading platform for equities of small and medium enterprises.
- (c) To ensure active trading and safeguard market integrity through an electronically-driven exchange.
- (d) To provide other services to capital market participants, like risk management, clearing, settlement, market data, and education.
- (e) To conform to international standards.

Besides having a nation-wide presence, BSE has a global reach with customers around the world. It has stimulated innovation and competition across all market segments. It has established a capital market institute, called the BSE Institute Ltd, which provides education on financial

SENSEX — The Bombay Stock Exchange Sensitive Index

Have you counted the number of times newspaper headlines in the past few weeks have been discussing the SENSEX? It goes up and down all the time and seems to be a very important part of business and economic news. Has that made you wonder what the SENSEX actually is?

The SENSEX is the benchmark index of the BSE. Since the BSE has been the leading exchange of the Indian secondary market, the SENSEX has been an important indicator of the Indian stock market. It is the most frequently used indicator while reporting on the state of the market. An index has just one job: to capture the price movement. So a stock index will reflect the price movements of shares while a bond index captures the manner in which bond prices go up or down. If the SENSEX rises, it indicates the market is doing well. Since stocks are supposed to reflect what companies expect to earn in the future, a rising index indicates that investors expect better earnings from companies. It is also a measure of the state of the Indian economy. If Indian companies are expected to do well, obviously the economy should do well too.

The SENSEX, launched in 1986 is made up of 30 of the most actively traded stocks in the market. In fact, they account for half the BSE's market capitalisation. They represent 13 sectors of the economy and are leaders in their respective industries.

markets and vocational training to a number of people seeking employment with stock brokers. The exchange has about 5000 companies listed from all over the country and outside, and has the largest market capitalisation in India.

SECURITIES AND EXCHANGE BOARD OF INDIA (SEBI)

The Securities and Exchange Board of India was established by the Government of India on 12 April 1988 as an interim administrative body to promote orderly and healthy growth of securities market and for investor protection. It was to function under the overall administrative control of the Ministry of Finance of the Government of India. The SEBI was given a statutory status on 30 January 1992 through an ordinance. The ordinance was later replaced by an Act of Parliament known as the Securities and Exchange Board of India Act, 1992.

Reasons for the Establishment of SEBI

The capital market has witnessed a tremendous growth during 1980's, characterised particularly by the increasing participation of the public. This ever expanding investors population and market capitalisation led to a variety of malpractices on the part of companies, brokers, merchant bankers, investment consultants and others involved in the securities market. The glaring examples of these

malpractices include existence of self-styled merchant bankers unofficial private placements, rigging of prices, unofficial premium on new issues, non-adherence of provisions of the Companies Act, violation of rules and regulations of stock exchanges and listing requirements, delay in delivery of shares etc. These malpractices and unfair trading practices have eroded investor confidence and multiplied investor grievances. The Government and the stock exchanges were rather helpless in redressing the investor's problems because of lack of proper penal provisions in the existing legislation. In view of the above, the Government of India decided to set-up a separate regulatory body known as Securities and Exchange Board of India.

Purpose and Role of SEBI

The basic purpose of SEBI is to create an environment to facilitate efficient mobilisation and allocation of resources through the securities markets. It also aims to stimulate competition and encourage innovation. This environment includes rules and regulations, institutions and their interrelationships, instruments, practices, infrastructure and policy framework.

This environment aims at meeting the needs of the three groups which basically constitute the market, viz, the issuers of securities (Companies), the investors and the market intermediaries.

- To the issuers, it aims to provide a market place in which they can

confidently look forward to raising finances they need in an easy, fair and efficient manner.

- To the investors, it should provide protection of their rights and interests through adequate, accurate and authentic information and disclosure of information on a continuous basis.
- To the intermediaries, it should offer a competitive, professionalised and expanding market with adequate and efficient infrastructure so that they are able to render better service to the investors and issuers.

Objectives of SEBI

The overall objective of SEBI is to protect the interests of investors and to promote the development of, and regulate the securities market. This may be elaborated as follows:

1. To regulate stock exchanges and the securities industry to promote their orderly functioning.
2. To protect the rights and interests of investors, particularly individual investors and to guide and educate them.
3. To prevent trading malpractices and achieve a balance between self regulation by the securities industry and its statutory regulation.
4. To regulate and develop a code of conduct and fair practices by intermediaries like brokers, merchant bankers etc., with a view to making them competitive and professional.

Functions of SEBI

Keeping in mind the emerging nature of the securities market in India, SEBI was entrusted with the twin task of both regulation and development of the securities market. It also has certain protective functions.

Regulatory Functions

1. Registration of brokers and sub-brokers and other players in the market.
2. Registration of collective investment schemes and Mutual Funds.
3. Regulation of stock brokers, portfolio exchanges, underwriters and merchant bankers and the business in stock exchanges and any other securities market.
4. Regulation of takeover bids by companies.
5. Calling for information by undertaking inspection, conducting enquiries and audits of stock exchanges and intermediaries.
6. Levying fee or other charges for carrying out the purposes of the Act.
7. Performing and exercising such power under Securities Contracts (Regulation) Act 1956, as may be delegated by the Government of India.

Development Functions

1. Training of intermediaries of the securities market.
2. Conducting research and publishing information useful to all market participants.

3. Undertaking measures to develop the capital markets by adapting a flexible approach.

Protective Functions

1. Prohibition of fraudulent and unfair trade practices like making misleading statements, manipulations, price rigging etc.
2. Controlling insider trading and imposing penalties for such practices.
3. Undertaking steps for investor protection.
4. Promotion of fair practices and code of conduct in securities market.

The Organisation Structure of SEBI

As SEBI is a statutory body there has been a considerable expansion in the range and scope of its activities. Each of the activities of the SEBI now demands more careful, closer, co-ordinated and intensive attention to enable it to attain its objectives. Accordingly, SEBI has been restructured and rationalised in tune with its expanded scope. It has decided its activities into five operational departments. Each department is headed by an executive director. Apart from its head office at Mumbai, SEBI has opened regional offices in Kolkata, Chennai, and Delhi to attend to investor complaints and liaise with the issuers, intermediaries and stock exchanges in the concerned region.

The SEBI also formed two advisory committees. They are the Primary

Market Advisory Committee and the Secondary Market Advisory Committee. These committees consist of the market players, the investors associations recognised by the SEBI and the eminent persons in the capital market. They provide important inputs to the SEBI's policies.

The objectives of the two Committees are as follows:

- a. To advise SEBI on matters relating to the regulation of intermediaries for ensuring investors protection in the primary market.
- b. To advise SEBI on issues related to the development of primary market in India.
- c. To advise SEBI on disclosure requirements for companies.
- d. To advise for changes in legal framework to introduce simplification and transparency in the primary market.
- e. To advise the board in matters relating to the development and regulation of the secondary market in the country.

The committees are however non-statutory in nature and the SEBI is not bound by the advice of the committee. These committees are a part of SEBI's constant endeavor to obtain a feedback from the market players on various issues relating to the regulations and development of the market.

KEY TERMS

Financial Market	Money Market	Treasury Bills
Commercial Paper	Call Money	Certificate of Deposit
Commercial Bill	Money Market	Mutual Fund Capital
Market	Primary Market	Secondary Market
Stock Exchange	SEBI, NSE	OTCEI

SUMMARY

Financial Market is a market for creation and exchange of financial assets. It helps in mobilisation and channelising the savings into most productive uses. Financial markets also helps in price discovery and provide liquidity to financial assets.

Money Market is a market for short-term funds. It deals in monetary assets whose period of maturity is less than one year. The instruments of money market includes treasury bills, commercial paper, call money, Certificate of deposit, commercial bills, participation certificates and money market mutual funds.

Capital Market is a place where long-term funds are mobilised by the corporate undertakings and Government. Capital Market may be divided into primary market and secondary market. Primary market deals with new securities which were not previously tradable to the public. Secondary market is a place where existing securities are bought and sold.

Stock Exchanges are the organisations which provide a platform for buying and selling of existing securities. Stock exchanges provide continuous market for securities, helps in price discovery, widening share ownership and provide scope for speculation.

Securities and Exchange Board of India was established in 1988 and was given statutory status through an Act in 1992. The SEBI was set-up to protect the interests of investors, development and regulation of securities market.

EXERCISES**Multiple choice questions**

1. Primary and secondary markets:
 - a. Compete with each other
 - b. Complement each other
 - c. Function independently
 - d. Control each other

2. The total number of Stock Exchanges in India is:
a. 20 b. 21 c. 22 d. 23
3. The settlement cycle in NSE is:
a. T + 5 b. T + 3 c. T + 2 d. T+1
4. The National Stock Exchange of India was recognized as stock exchange in the year:
a. 1992 b. 1993 c. 1994 d. 1995
5. NSE commenced futures trading in the year:
a. 1999 b. 2000 c. 2001 d. 2002
6. Clearing and settlement operations of NSE are carried out by:
a. NSDL b. NSCCL c. SBI d. CDSL
7. A Treasury Bill is basically:
a. An instrument to borrow short-term funds
b. An instrument to borrow long-term funds
c. An instrument of capital market
d. None of the above

Short answer questions

1. What are the functions of a financial market?
2. "Money Market is essentially a Market for short term funds." Discuss.
3. What is a Treasury Bill ?
4. Distinguish between Capital Market and Money Market.
5. What are the functions of a Stock Exchange?
6. What are the objectives of the SEBI?
7. State the objectives of the NSE.

Long-answer questions

1. Explain the various Money Market Instruments.
2. What are the methods of floatation in Primary Market?
3. Explain the recent Capital Market reforms in India.
4. Explain the objectives and functions of the SEBI
5. Explain the various segments of the NSE.

Projects and Assignments

1. Collect the information about the companies that have recently mobilised resources through primay market.
2. Collect the information on various measures taken by SEBI to protect the interests of investors since its inception.

3. Send a group of students to a trading terminal in your city to gain first hand information on securities trading and prepare a report.
4. Collect data about the movements in SENSEX and NIFTY during the last one month. Find out whether the two move in same or opposite direction.
5. Collect information about the SEBI action for Investor Protection taken during last two years.
6. Collect information about e-IPO's in the Indian Market in the last one year.

TRY AND SOLVE THE CROSSWORD

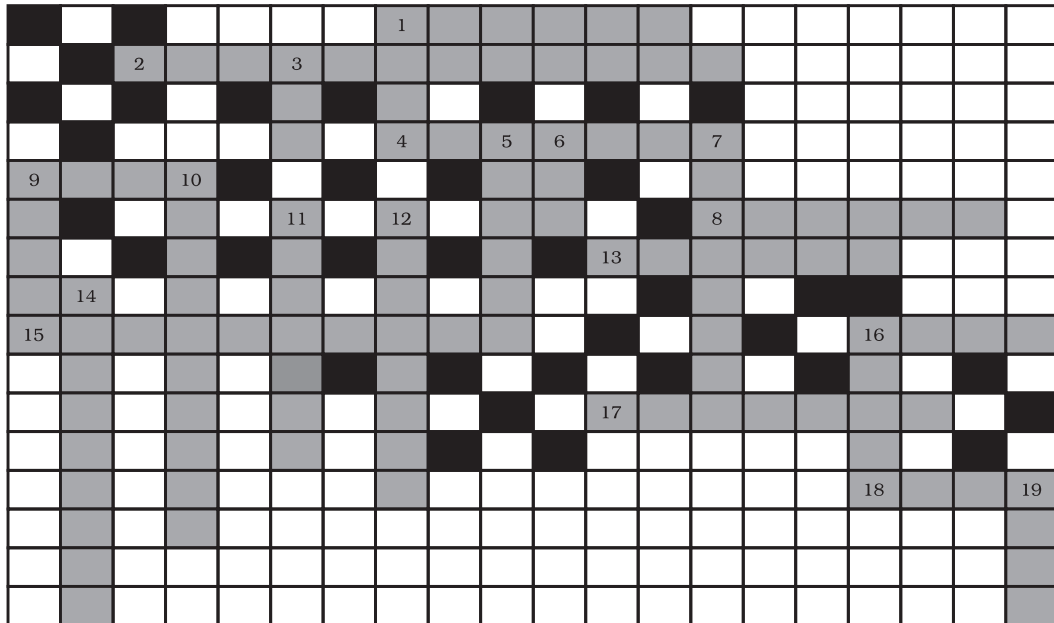
Clues to the Crossword

Across

1. Commission Agent who transacts in securities on behalf of non members or members (6).
2. Changes in the price of securities in the stock market. (12)
4. Inclusion of securities in the official trade list of securities in stock market (7)
8. Place of trade in securities (6)
9. Result of selling shares at a price lower than the purchase price. (4)
13. An independent dealer in securities (6)
15. Includes shares, scripts, bonds, debentures (10)
16. Speculator who expects the prices to go down (4)
17. Buying and selling of securities to manipulate the market (7)
18. Speculator who deals in new securities only (4)

Down

1. Speculator expecting a rise in the prices (4)
3. Means 'with' (3)
5. Means a part or fraction of capital (6)
6. Fraction of profit paid to government (3)
7. Illegal, game based on chance (8)
9. Official statement of securities in the stock market (5)
10. Those who buy and sell securities with objective of profit (10)
11. Money invested in business (7)
12. Return on shares out of profits (8)
14. Instrument acknowledging a debt (9)
16. Govt. document acknowledging a debt (5)
19. Profit or yield (4)



Case Problem I

'R' Limited is a real estate company which was formed in 1950. In about 56 years of its existence the company has managed to carve out a niche for itself in this sector. Lately, this sector is witnessing a boom due to the fact that the Indian economy is on the rise. The incomes of middle class are rising. More people can afford to buy homes for themselves due to easy availability of loans and accompanying tax concessions.

To expand its business in India and abroad the company is weighing various options to raise money through equity offerings in India. Whether to tap equity or debt, market whether to raise money from domestic market or international market or Combination of both? Whether to raise the necessary finance from money market or capital market. It is also planning to list itself in New York Stock Exchange to raise money through ADR's. To make its offerings attractive it is planning to offer host of financial plans products to its stakeholders and investors and also expand its listing at NSE after complying with the regulations of SEBI.

- (i) What benefits will the company derive from listing at NSE?
- (ii) What are the regulations of SEBI that the company must comply with?
- (iii) How does the SEBI exercise control over 'R' Limited in the interest of investors?

Case Problem II

NSE Indices

Index	Current	Prev.	%CHG
S&P CNX Nifty	3641.1	3770.55	-3.43%
CNX Nifty Junior	6458.55	6634.85	-2.66%
CNX IT	5100.5	5314.05	-4.02%
Bank Nifty	5039.05	5251.55	-4.05%
CNX 100	3519.35	3640.35	-3.32%

More

World Markets

Index	Current	Prev.	% Change
NYSE Composite	8926.88	9120.93	-2.13%
NASDAQ Composite	2350.57	2402.29	-2.15%
DOW Jones I. A.	12076	12318.6	-1.97%
S&P 500	1377.95	1406.6	-2.04%
Nikkei 225	16676.9	17178.8	-2.92%

Source: www.nseindia.com

The above figures are taken from the website of national stock exchange of India. They illustrate the movement of NSE stock indices as well as world stock indices on the date indicated.

Questions

1. What do you mean by a stock index? How is it calculated?
2. What conclusions can you draw from the various movements of NSE stock indices?
3. What factors affect the movement of stock indices? Elaborate on the nature of these factors.
4. What relationship do you see between the movement of indices in world markets and NSE indices?
5. Give details of all the indices mentioned above. You can find information on the web or business magazines.

(The teacher should help the students in answering these questions. They can look at the website mentioned above and also website of SEBI, i.e., www.sebi.gov.in for educational material. This exercise will help the students in understanding the stock markets clearly and also create interest therein.)

Project Work

1. Study the website of Mumbai Stock Exchange, i.e., www.bseindia.com and compile information which you find useful. Discuss it in your class and find out how it can help you should you decide to invest in the stock market. Prepare a report on your findings with the help of your teacher.
2. Prepare a report on the role of SEBI in regulating the Indian stock market. You can get this information on its website namely www.sebi.gov.in. Do you think something else should be done to increase the number of investors in the stock market?

Answers to the Crossword

- Across** 1. Broker 2. Fluctuations 4. Listing 8. Market 9. Loss
13. Jobber 15. Securities 16. Bear 17. Rigging 18. Stag
- Down** 1. Bull 3. Cum 5. Stocks 6. Tax 7. Gambling
9. Lists 10. Speculator 11. Capital 12. Dividend 14. Debenture
16. Bonds 19. Gain

CHAPTER 11

MARKETING

LEARNING OBJECTIVES

After studying this chapter, you should be able to:

- explain the meaning of 'marketing';
- distinguish between 'marketing' and 'selling';
- list out important functions of marketing;
- examine the role of marketing in the development of an economy in a firm, to the society and to consumers;
- explain the elements of marketing-mix;
- classify products into different categories;
- analyse the factors affecting price of a product;
- list out the types of channels of distribution; and
- explain the major tools of promotion, viz. advertising, personal selling, sales promotion and publicity.

WHERE DO COMPANIES DO THEIR BUSINESS?

In the Markets or in the Society?

It is an undisputed fact that a company's survival does not depend upon its consumers alone, but a diverse set of stakeholders like the government, religious leaders, social activists, NGOs, media, etc. Hence, earning the satisfaction of these segments is also as imperative as they add to the power of the brand by word of mouth.

The social concern adds to the strength of the brand. Corporates that embraced the deepest social values, have been successful in building powerful brand, and, eventually, robust customer relationship. The area of corporate social justice fall under two broad categories. The issues such as the nutrition of children, child care, old-age homes, amelioration of hunger, offering aid to those affected by natural calamities, etc. needing instant attention with humanitarian perspective, comes under the first category.

The issues that contribute to making society a pleasant place to live in the long run, may be grouped under the second category. The issues which come under this category are health awareness and aid, education, environmental protection, women's employment and empowerment, preventing unjust discriminations (on the basis of caste, community, religion, ethnicity, race, and sex), eradication of poverty through employment, preservation of culture, values, and ethics, contribution to research, etc.

Infosys Technologies, the leading software consulting service provider, has been certified ISO 14001, compliant by Det Norske Veritas for its development centers in Pune, Chennai, Bangalore, Bhubaneswar, Hyderabad, Mangalore, Mohali, and Mysore, for its 'Ozone Initiative'. Through this initiative, Infosys has committed for continual improvement.

Procter and Gamble's (P&G) philosophy is that it should lead the industry in implementing a global environmental programme. P&G is one of the first companies in the world to actively study the influence of consumer products on the environment and introduce concentrated products, recycled plastic bottles, and refill packages to the industry. The overall packaging per case has been reduced by an average of 27% and a reduction of 37% in air, waste, and water emissions has been achieved consistently since 1990. P&G contributes to sustainable development and addresses environmental and social issues connected with its products and services.

Source: Adapted from 'Effective Executive', Feb. 2006

Let us consider a typical day in our life. Right from the time we get up in the morning to the time we go to bed, we use number of products to satisfy our different needs. Beginning with the breakfast, we take such items as bread, butter, milk, and rice, to satisfy our hunger; use the services of a bus or an auto or a cycle to reach to our school or place of work; read books, magazines and newspapers, to keep ourselves informed and acquire knowledge; use computers, cell phone, television and other gadgets for communication/entertainment; and purchase many other products like gifts, shoes, clothing, furniture, etc., from market to satisfy our different needs.

Who makes these products and why? These products are manufactured and marketed by different firms. For example, Lifebouy soap, Closeup toothpaste, Surf detergent powder are manufactured by Hindustan Lever; Ariel detergent powder by Procter and Gamble, Dairy Milk Chocolate by

Nestle, Atlas Cycles by Atlas cycle company, Kwality Ice-creams by Kwality Walls, LG Televisions by LG Electronics and so on. These firms are called marketers. These firms undertake various activities to stimulate the demand for their products and earn profit by satisfying customer's needs and wants. People purchase products because these satisfy some of their needs.

Number of activities are performed by the marketers to facilitate exchange of goods and services between producers and the users of such products. These activities are referred to as marketing activities.

For a proper understanding of marketing, number of questions need to be answered. These include: What do we mean by a market? What can be marketed? Is it products or services or something more? Who is a marketer? What is marketing management? These points have been taken up for discussion in the following sections.

“Business is not financial science, it’s about trading, buying and selling. It’s about creating a product or service so good that people will pay for it.”

— **Anta Roddick**

“Marketing takes a day to learn. Unfortunately it takes time to master.”

— **Philip Kotler**

WHAT IS A MARKET

In the traditional sense, the term ‘market’ refers to the place where buyers and sellers gather to enter into transactions involving the exchange of goods and services. It is in this sense that this term is being used in day to day language, even today. The other ways in which this term is being used is in the context of a *product market* (cotton market, gold or share market), *geographic market* (national and international market), *type of buyers* (consumer market and industrial market) and the *quantity of goods transacted* (retail market and wholesale market).

But in modern marketing sense, the term market has a broader meaning. It refers to a set of actual and potential buyers of a product or service. For example, when a fashion designer designs a new dress and offers it for exchange, all the people who are willing to buy and offer some value for it can be stated to be the market for that dress. Similarly, market for fans or bicycles or electric bulbs or shampoos refers to all the actual and potential buyers for these products.

WHAT IS MARKETING

The term marketing has been described by different people in different ways. Some people believe that marketing is same as ‘shopping’. Whenever they go out for shopping of certain products or services, they describe it as marketing. There are some other people who confuse marketing with ‘selling’ and feel that marketing activity starts after a product or service has been produced. Some people describe it to mean ‘merchandising’ or designing a product. All these descriptions may be partly correct but marketing is a much broader concept, which is discussed as follows:

Traditionally, marketing has been described in terms of its functions or activities. In this respect, marketing has been referred to as performance of business activities that direct the flow of goods and services from producers to consumers.

As we know, most of the manufacturing firms do not produce goods for their own consumption but for the consumption or use by others. Therefore, to move the goods and services from the producer to consumers,

a number of activities, such as product designing or merchandising, packaging, warehousing, transportation, branding, selling, advertising and pricing are required. All these activities are referred to as marketing activities.

Thus, 'merchandising', 'selling' and distribution are all parts of a large number of activities undertaken by a firm, which are collectively called marketing.

It may be noted here that marketing is not merely a post-production activity. It includes many activities that are performed even before goods are actually produced, and continue even after the goods have been sold. For example, activities such as identification of customer needs, collection of information for developing the product, designing suitable product package and giving it a brand name are performed before commencement of the actual production. Similarly, many follow up activities are required for maintaining good customer relations for procuring repeat sale.

In modern times, emphasis is placed on describing marketing as a social process. It is a process whereby people exchange goods and services for money or for something of value to them. Taking the social perspective, Phillip Kotler has defined marketing as, "a social process by which individual groups obtain what they need and want through creating offerings and freely exchanging products and services of value with others".

Thus, marketing is a social process where in people interact with others, in order to persuade them to act in a

particular way, say to purchase a product or a service, rather than forcing them to do so. A careful analysis of the definition shows the following important features of marketing:

1. Needs and Wants: The process of marketing helps individuals and groups in obtaining what they need and want. Thus, the primary reason or motivation for people to engage in the process of marketing is to satisfy some of their needs or wants. In other words, the focus of the marketing process is on satisfaction of the needs and wants of individuals and organisations.

A need is a state of felt deprivation or feeling of being deprived of something. If unsatisfied, it leaves a person unhappy and uncomfortable. For example, on getting hungry, we become uncomfortable and start looking for objects that are capable of satisfying our hunger.

Needs are basic to human beings and do not pertain to a particular product. Wants, on the other hand, are culturally defined objects that are potential satisfiers of needs. In other words, human needs shaped by such factors as culture, personality and religion are called wants. A basic need for food, for example, may take various forms such as want for *dosa* and *rice* for a South Indian and *chapatti* and *vegetables* for a North Indian person.

A marketer's job in an organisation is to identify needs of the target customers and develop products and services that satisfy such needs.

2. Creating a Market Offering: On the part of the marketers, the effort involves creation of a 'market offering'. Market offering refers to a complete offer for a product or service, having given features like size, quality, taste, etc.; at a certain price; available at a given outlet or location and so on. Let us say the offer is for a cell phone, available in four different versions, on the basis of certain features such as size of memory, television viewing, internet, camera, etc., for a given price, say between Rs. 5,000 and Rs. 20,000 (depending on the model selected), available for sale at say firm's exclusive shops in and around all metropolitan cities in the country. A good 'market offer' is the one which is developed after analysing the needs and preferences of the potential buyers.

3. Customer Value: The process of marketing facilitates exchange of products and services between the buyers and the sellers. The buyers, however, make buying decisions on their perceptions of the value of the product or service in satisfying their need, in relation to its cost. A product will be purchased only if it is perceived to be giving greatest benefit or value for the money. The job of a marketer, therefore, is to add to the value of the product so that the customers prefer it in relation to the competing products and decide to purchase it.

4. Exchange Mechanism: The process of marketing works through the exchange mechanism. The individuals (buyers and sellers) obtain

what they need and want through the process of exchange. In other words, the process of marketing involves exchange of products and services for money or something considered valuable by the people.

Exchange refers to the process through which two or more parties come together to obtain the desired product or service from someone, offering the same by giving something in return. For example, a person feeling hungry may get food by offering to give money or some other product or service in return to someone who is willing to accept the same for food.

In the modern world, goods are produced at different places and are distributed over a wide geographical area through various middlemen, involving exchanges at different levels of distribution. Exchange is, therefore, referred to as the essence of marketing. For any exchange to take place, it is important that the following conditions are satisfied:

- (i) involvement of at least two parties viz., the buyer and the seller.
- (ii) each party should be capable of offering something of value to the other. For example, the seller offers a product and the buyer, money.
- (iii) each party should have the ability to communicate and deliver the product or service. No exchange can take place if the buyers and sellers are not able to communicate with each other or if they can not deliver something of value to the other.

- (iv) each party should have freedom to accept or reject other party's offer.
- (v) the parties should be willing to enter into transaction with each other. Thus, the acceptance or rejection of the offer takes place on voluntary basis rather than on the bases of any compulsion.

The points listed above are the necessary conditions for an exchange

to take place. Whether the exchange actually takes place or not depends on the suitability of the act of exchange to both the parties, whether it makes the parties better off or at least not worse off.

Another important point to be noted is that Marketing is not merely a business phenomena or confined only to business organisations. Marketing activities are equally relevant to non-

What can be Marketed?

Physical Products	: DVD player, Motor cycle, ipods, Cell phone, Footwear, Television, Refrigerator.
Services	: Insurance, Health Care, Business Process Outsourcing, Security, Easy Bill service, Financial Services (Investment), Computer Education, Online Trading.
Ideas	: Polio Vaccination, Helpline, Family Planning, Donation of Blood (Red cross), Donation of money on Flag Day (National Foundation for Communal Harmony).
Persons	: For Election of Candidates for Certain Posts.
Place	: 'Visit Agra – 'City of Love', 'Udaipur – 'The City of Lakes', 'Mysore – The City of Gardens', 'When Orisa celebrates, Eleven the God Join In'.
Experience	: Customised Experiences as Dinner with a cricketer (say Dhoni); Lunch with a celebrity (say Bill Gates or Aishwarya Roy) or experience of Balloon Riding, mountaineering, etc.
Properties	: Intangible rights of ownership of real estate in financial property (Shares, Debentures).
Events	: Sports events (say Olympics, Cricket series), diwali mela, fashion show, music concert, film festival, elephant race (Kerala Tourism).
Information	: Production packaging and distribution of information by organisations such as by universities, research organisation, providing information as market information (marketing research agencies), technology information.
Organisations	: For boosting their public image organisations such as Hindustan Lever, Ranbaxy, Dabur, Proctor and Gamble, communicate with people. Example, Phillips says, 'Let's make Things Better'.

profit organisations such as hospitals, schools, sports clubs and social and religious organisations. It helps these organisations in achieving their goals such as spreading the message of family planning, improving the literacy standards of people and providing medication to the sick.

WHAT CAN BE MARKETED?

The question commonly coming to the mind is what can be marketed. Is it a product or service or something else. Let us first understand what is a product?

A product is a 'bundle of utilities' or 'source of satisfaction', that can be used to satisfy human needs and wants. It is not confined to physical objects, such as motor cycle, biscuit, bulb and pencil but also refers to other things of value such as services, ideas, places, etc., that can be offered to the potential buyers for their use. In the marketing literature, anything that can be of value to the buyer can be termed as a 'product'. It can be tangible, i.e., which can be felt, seen and touched physically such as a pencil, a cycle or an intangible such as services rendered by a doctor, hairdresser or a lawyer.

Apart from the product, what can be marketed is a service or a person (say political parties persuading to vote for a particular candidate) or an

idea (say Red Cross persuading to donate blood) or a place (say Kerala Tourism persuading people to visit Kerala for health tourism). Thus, anything that is of value to the other can be marketed. It can be a product or a service or a person or a place or an idea or an event or an organisation or experience or properties. (see box)

Who is a marketer? Marketer refers to any person who takes more active part in the process of exchange. Normally it is the seller who is more active in the exchange process as he/she analyses the needs of the potential buyers, develops a market offering and persuades the buyers to buy the product. However, there may be certain situations where the buyer may be taking more active role in the exchange process. Let us say in situations of rare supply, the buyer may be taking extra efforts in persuading the seller to sell the product to him/her. This may be happening in defence deals or take a situation where a country having installed a nuclear plant needs the supply of nuclear fuel or 'Heavy Water'. It may need to convince the supplier of the products to supply the same to it, by promising that it will be used for peaceful purposes only. In this case, the buyer will be treated as the marketer. Thus, any body, who takes

Do it yourself

Collect five advertisements each for the marketing of (a) ideas and (b) places from a newspaper or a magazine. Write in your notebook, the messages conveyed through these and discuss in the class indicating which of these messages are more appealing to you. Give reasons in support of your answer.

more active role in the exchange process will be taken as the marketer.

MARKETING MANAGEMENT

Marketing management means management of the marketing function. In other words, marketing management refers to planning, organising, directing and control of the activities which facilitate exchange of goods and services between producers and consumers or users of products and services. Thus the focus of marketing management is on achieving desired exchange outcomes with the target markets. Taking a management perspective, the term marketing has been defined as “the process of planning and executing the conception, pricing, promotion and distribution of ideas, goods and services to create exchanges that satisfy individual and organisational goals” by American Management Association, similarly Philip Kotler has defined Marketing management as the art and science of choosing target markets and getting, keeping and growing customers through creating, delivering and communicating superior customer values of management.

A careful analysis of the definition reveals that the process of management of marketing involves:

- (i) Choosing a target market, say a manufacturer may choose to make readymade garments for children up to the age of 5 years;
- (ii) In respect of the target market chosen, the focus of the process of

management is on getting, keeping as well as growing the customers. That means the marketer has to create demand for his products so that the target customers purchase the product, keep them satisfied with the firm's products and also attract more customers to the firm's products so that the firm can grow; and

- (iii) The mechanism for achieving the objective is through creating, developing and communicating superior values for the customers. That means, the primary job of a marketing manager is to create superior values so that the customers are attracted to the products and services and communicate these values to the prospective buyers and persuade them to buy these products.

Marketing management involves performance of various functions such as analysing and planning the marketing activities, implementing marketing plans and setting control mechanism. These functions are to be performed in such a way that organisation's objectives are achieved at the minimum cost.

Marketing management generally is related to creation of demand. However, in certain situations, the manager has to restrict the demand. For example, if there is a situation of 'overfull demand', i.e., the demand being more than what the company can or want to handle, (like what the situation in our country was before the adoption of policies of liberalisation

and globalisation, in early 90's, in most consumer products be it automobiles or electronics goods or other durable products. The job of marketing managers, in these situations would be to find ways to reduce the demand temporarily by say reducing the expenditure on promotion or increasing the prices. Similarly, if the demand is 'irregular', such as in case of seasonal products, (say fans, woollen clothes) the marketer's job is to change the time pattern of demand through such methods as providing short-term incentives, to the buyers. Thus, the marketing management is not only concerned with creating demand but with managing the demand effectively, as per the situation in the market.

MARKETING AND SELLING

Many people confuse 'selling' for 'marketing'. They consider these two terms as one and the same. Marketing refers to a large set of activities of which selling is just one part. For example, a marketer of televisions, before making the sale, does a lot of other activities such as planning the type and model of televisions to be produced, the price at which it would be sold and selecting the distribution outlets at which the same would be available, etc. In short, marketing involves whole range of activities relating to planning, pricing, promoting and distributing the products that satisfy customer's needs.

The function of selling, on the other hand, is restricted to promotion

of goods and services through salesmanship, advertising, publicity and short-term incentives so that title of the product is transferred from seller to buyer or in other words product is converted into cash.

The major differences between selling and marketing are listed as below:

- (i) *Part of the Process vs Wider Term:* Selling is only a part of the process of marketing and is concerned with promoting and transferring possession and ownership of goods from the seller to the buyer. Marketing is a much wider term consisting of number of activities such as identification of the customer's needs, developing the products to satisfy these needs, fixing prices and persuading the potential buyers to buy the same. Thus, selling is merely a part of marketing.
- (ii) *Transfer of Title vs Satisfying Customer Needs:* The main focus of selling is on affecting transfer of title and possession of goods from sellers to consumers or users. In contrast, marketing activities put greater thrust on achieving maximum satisfaction of the customer's needs and wants.
- (iii) *Profit through Maximising Sales vs Customer Satisfaction:* All selling activities are directed at maximising sales and, thereby, the profits of the firm. In other words, the emphasis is on profit maximisation through maximisation of sales. Marketing,

on the other hand, is concerned with customer satisfaction and thereby increasing profit in the long run. A marketing organisation, thus, attaches highest importance to customer satisfaction as a route to profit maximisation.

- (iv) *Start and End of the Activities:* Selling activities start after the product has been developed while, marketing activities start much before the product is produced and continue even after the product has been sold.
- (v) *Difference in the Emphasis:* In selling, the emphasis is on bending the customer according to the product while in marketing, the attempt is to develop the product and other strategies as per the customer needs.
- vi. *Difference in the Strategies:* Selling involves efforts like promotion and persuasion while marketing uses integrated marketing efforts involving strategies in respect of product, promotion, pricing and physical distribution.

MARKETING MANAGEMENT PHILOSOPHIES

In order to achieve desired exchange outcomes with target markets, it is important to decide what philosophy or thinking should guide the marketing efforts of an organisation. An understanding of the philosophy or the concept to be adopted is important as it determines the emphasis or the weightage to be put on different factors, in achieving the organisational

objectives. For example, whether the marketing efforts of an organisation will focus on the product—say designing its features etc or on selling techniques or on customer's needs or the social concerns.

The concept or philosophy of marketing has evolved over a period of time, and is discussed as follows.

The Production Concept

During the earlier days of industrial revolution, the demand for industrial goods started picking up but the number of producers were limited. As a result, the demand exceeded the supply. Selling was no problem. Anybody who could produce the goods was able to sell. The focus of business activities was, therefore, on production of goods. It was believed that profits could be maximised by producing at large scale, thereby reducing the average cost of production. It was also assumed that consumers would favour those products which were widely available at an affordable price. Thus, availability and affordability of the product were considered to be the key to the success of a firm. Therefore, greater emphasis was placed on improving the production and distribution efficiency of the firms.

The Product Concept

As a result of emphasis on production capacity during the earlier days, the position of supply increased over period of time. Mere availability and low price of the product could not ensure

increased sale and as such the survival and growth of the firm. Thus, with the increase in the supply of the products, customers started looking for products which were superior in quality, performance and features. Therefore, the emphasis of the firms shifted from quantity of production to quality of products. The focus of business activity changed to bringing continuous improvement in the quality, incorporating new features etc. Thus, product improvement became the key to profit maximisation of a firm, under the concept of product orientation.

The Selling Concept

With the passage of time, the marketing environment underwent further change. The increase in the scale of business further improved the position with respect to supply of goods, resulting in increased competition among sellers. The product quality and availability did not ensure the survival and growth of firms because of the large number of sellers selling quality products. This led to greater importance to attracting and persuading customers to buy the product. The business philosophy changed. It was assumed that the customers would not buy, or not buy enough, unless they are adequately convinced and motivated to do so. Therefore, firms must undertake aggressive selling and promotional efforts to make customers buy their products. The use of promotional techniques such as advertising, personal selling and sales promotion

were considered essential for selling of products. Thus, the focus of business firms shifted to pushing the sale of products through aggressive selling techniques with a view to persuade, lure or coax the buyers to buy the products. Making sale through any means became important. It was assumed that buyers can be manipulated but what was forgotten was that in the long run what matters most is the customer satisfaction, rather than anything else.

The Marketing Concept

Marketing orientation implies that focus on satisfaction of customer's needs is the key to the success of any organisation in the market. It assumes that in the long run an organisation can achieve its objective of maximisation of profit by identifying the needs of its present and prospective buyers and satisfying them in an effective way. All the decisions in a firm are taken from the point of view of the customers. In other words, customer's satisfaction become the focal point of all decision making in the organisation. For example, what product will be produced, with what features and at what price shall it be sold, or where shall it be made available for sale will depend on what do the customers want. If the customers want features like double door in a refrigerator or a separate provision for water cooler in it, the organisation would produce a refrigerator with these features, would price it at a level which the customers

Differences in the Marketing Management Philosophies

Philosophies/ Bases	Production Concept	Product Concept	Selling Concept	Marketing Concept	Societal Concept
1. Starting Point	Factory	Factory	Factory	Market	Market, Society
2. Main Focus	Quantity of product	Quality, performance, features of product	Existing product	Customer needs	Customer needs and society's well being
3. Means	Availability and affordability of product	Product improvements	Selling and promoting	Integrated marketing	Integrated marketing
4. Ends	Profit through volume of production	Profit through product quality	Profit through sales volume	Profit through customer satisfaction	Profit through customer satisfaction and social welfare

are willing to pay and so on. If all marketing decisions are taken with this prospective, selling will not be any problem. It will automatically follow. The basic role of a firm then is to 'identify a need and fill it'. The concept implies that products and services are

bought not merely because of their quality, packing or brand name, but because they satisfy a specific need of a customer. A pre-requisite for the success of any organisation, therefore, is to understand and respond to customer needs.

Test Your Understanding I

State whether the following statements are true or false:

- (i) focus of marketing activities is on facilitating exchange of goods from producers to consumers or users;
- (ii) in modern marketing, the term market refers to the place where buyers and sellers meet for the exchange of goods and services;
- (iii) marketing is same thing as shopping for goods and services;
- (iv) marketing is a post production activity only;
- (v) marketing is equally relevant to non-profit organisations;
- (vi) The terms 'need' and 'want' are used interchangeably in the marketing literature;
- (vii) marketing management means management of the marketing function; and
- (viii) Product designing does not come under the purview of marketing activities.

To sum up, the marketing concept is based on the following pillars:

- (i) Identification of market or customer who are chosen as the target of marketing effort.
- (ii) Understanding needs and wants of customers in the target market.
- (iii) Development of products or services for satisfying needs of the target market.
- (iv) Satisfying needs of target market better than the competitors.
- (v) Doing all this at a profit.

Thus, the focus of the marketing concept is on customer needs and the customer satisfaction becomes the means to achieving the firms' objective of maximising profit. The purpose of marketing is to generate customer value at a profit.

The Societal Marketing Concept

The marketing concept, as described in the preceding section cannot be considered as adequate if we look at the challenges posed by social problems like environmental pollution, deforestation, shortage of resources, population explosion and inflation. It is so because any activity which satisfies human needs but is detrimental to the interests of the society at large cannot be justified. The business orientation should, therefore, not be short-sighted to serve only consumers' needs. It should also consider large issues of long-term social welfare, as illustrated above.

The societal marketing concept holds that the task of any organisation is to identify the needs and wants of the target market and deliver the desired satisfaction in an effective and efficient manner so that the long-term well-being of the consumers and the society is taken care of. Thus, the societal marketing concept is the extension of the marketing concept as supplemented by the concern for the long-term welfare of the society. Apart from the customer satisfaction, it pays attention to the social, ethical and ecological aspects of marketing. There are large number of such issues that need to be attended.

FUNCTIONS OF MARKETING

Marketing is concerned with exchange of goods and services from producers to consumers or users in such a way that maximises the satisfaction of customers' needs. From the view point of management function, number of activities are involved, which have been described as below:

1. Gathering and Analysing Market Information: One of the important functions of a marketer is to gather and analyse market information. This is necessary to identify the needs of the customers and take various decisions for the successful marketing of the products and services. This is important for making an analysis of the available opportunities and threats as well as strengths and weaknesses of the organisation and help in

The Future of Global Brands

Role of Digital connection and consumer cooperation

In China and India, booming middle classes and fast-rising disposable incomes have created a still-under-tapped consumer culture. Let's not forget the lessons being learned about the brand-building, power of digital connections and consumer co-creation. Since the advent of the internet, sites that offer social interaction and connectivity have been at the forefront of our digital revolution, reshaping the way consumers expect to interact with each other and, ultimately, with brands.

Online tag-sale site e-Bay, for example was one of the first sites to teach us that you can trust people online as well as you might trust a friendly neighbour. That social interaction paved the way for Friendster and MySpace and You Tube, a social networking tool that, in the past year, has empowered consumers to create their own content and post it to a global audience. Anyone who doubts the real market potential of such a platform only needs to check out October's biggest business headlines: Google purchased the site for \$ 1.65 billion.

HSBC effort attempted a similar goal, to give consumers a forum for conversation. At your pointofview.com, consumers in 76 countries can weigh in and give their opinions on subjects including cloning, fashion, wind farms and video games.

Teenagers in Chinese cities surf the web for 5.1 hours a week, and the online ad-market is booming—by more than 75% annually for the past three years, according to *Business Week*. Mobile phones are among the most coveted pieces of technology. And 17.5 million bloggers (and their 75 million readers), many of whom fall within the coveted 18–25 age groups, are shaping consumer opinions in China with more intensity than they do in the US.

The internet age has put advertisers and branding experts face-to-face with an empowered consumer. And those consumers are happy to listen to our messages, as long as we are willing to listen to them.

Source: Adopted from Brand Equity, Nov. 1, 2006

deciding what opportunities can best be pursued by it. For example, rapid growth is predicted in several areas in the Indian economy, say in the use of the Internet, market for cell phones and several other areas. Which of these areas a particular organisation should enter, or in which area should it expand, requires a careful scanning of the strengths and weaknesses of the organisation, which is done with the help of careful market analysis.

With the growth of computers, a new trend has emerged in the collection of market information. More and more companies are using interactive sites on the internet, to gather customer views and opinions, before taking important business decisions. (see the box on Global Brands) One of the popular TV News Channel (in Hindi) seeks viewers choice (through SMS) on which of the given four or five main news stories of

the day would be broadcasted as detailed story at the prime time, to ensure that the viewers get to listen to the story of their own choice.

2. Marketing Planning: Another important activity or area of work of a marketer is to develop appropriate marketing plans so that the marketing objectives of the organisation can be achieved. For example a marketer of colour TV, having 10 per cent of the current market share in the country, aims at enhancing his market share to 20 per cent, in the next three years. He will have to develop a complete marketing plan covering various important aspects including the plan for increasing the level of production, promotion of the products, etc. and specify the action programmes to achieve these objectives.

3. Product Designing and Development: Another important marketing activity or decision area relates to product designing and development. The design of the product contributes to making the product attractive to the target customers. A good design can improve performance of a product and also give it a competitive advantage in the market. For example, when we plan to buy any product say a motorbike, we not only see its features like cost, mileage, etc. but also the design aspects like its shape, style, etc.

4. Standardisation and Grading: Standardisation refers to producing goods of predetermined specifications, which helps in achieving uniformity and

consistency in the output. Standardisation ensures the buyers that goods conform to the predetermined standards of quality, price and packaging and reduces the need for inspection, testing and evaluation of the products.

Grading is the process of classification of products into different groups, on the basis of some of its important characteristics such as quality, size, etc. Grading is particularly necessary for products which are not produced according to predetermined specifications, such as in the case of agricultural products, say wheat, oranges, etc. Grading ensures that goods belong to a particular quality and helps in realising higher prices for high quality output.

5. Packaging and Labelling: Packaging refers to designing and developing the package for the products. Labelling refers to designing and developing the label to be put on the package. The label may vary from a simple tag to complex graphics.

Packaging and labelling have become so important in modern day marketing that these are considered as the pillars of marketing. Packaging is important not only for protection of the products but also serves as a promotional tool. Sometimes, the quality of the product is assessed by the buyers from packaging. We have seen that in the success of many of the consumer brands in recent times such as *Lays* or *Uncle Chips* potato wafers *Clinic Plus* shampoos, and *Colgate Toothpaste*, etc., packaging has played an important role.

6. Branding: A very important decision area for marketing of most consumer products is whether to sell the product in its generic name (name of the category of the product, say Fan, Pen, etc.) or to sell them in a brand name (such as Pollar Fan or Rottomac Pen). Brand name helps in creating product differentiation, i.e., providing basis for distinguishing the product of a firm with that of the competitor, which in turn, helps in building customer's loyalty and in promoting its sale. The important decision areas in respect of branding include deciding the branding strategy, say whether each product will be given a separate brand name or the same brand name will be extended to all products of the company, say Phillips bulbs, tubes and television or Videocon washing machine, television, and refrigerator. Selection of the brand name plays an important role in the success of a product.

7. Customer Support Services: A very important function of the marketing management relates to developing customer support services such as after sales services, handling customer complaints and adjustments, procuring credit services, maintenance services, technical services and consumer information. All these services aim at providing maximum satisfaction to the customers, which is the key to marketing success in modern days. Customer support services are very effective in bringing repeat sales from the customers and developing brand loyalty for a product.

8. Pricing of Product: Price of product refers to the amount of money customers have to pay to obtain a product. Price is an important factor affecting the success or failure of a product in the market. The demand for a product or service is related to its price. Generally lower the price, higher would be the demand for the product and vice-versa. The marketers have to properly analyse the factors determining the price of a product and take several crucial decisions in this respect, including setting the pricing objectives, determining the pricing strategies, determining the price and changing the prices.

9. Promotion: Promotion of products and services involves informing the customers about the firm's product, its features, etc. and persuading them to purchase these products. The four important methods of promotion include advertising, Personal Selling, Publicity and Sales Promotion. A marketer has to take several crucial decisions in respect of promotion of the products and services such as deciding the promotion budget, the promotion mix, i.e., the combination of the promotional tools that will be used, the promotion budget, etc.

10. Physical Distribution: Managing physical distribution is another very important function in the marketing of goods and services. The two major decision areas under this function include (a) decision regarding channels of distribution or the marketing intermediaries (like whole

salers, retailers) to be used and (b) physical movement of the product from where it is produced to a place where it is required by the customers for their consumption or use. The important decision areas under physical distribution include managing inventory (levels of stock of goods), storage and warehousing and transportation of goods from one place to the other.

11. Transportation: Transportation involves physical movement of goods from one place to the other. As generally the users of products, particularly consumer products are wide spread and geographically separated from the place these are produced, it is necessary to move them to the place where it is needed for consumption or use. For example, tea produced in Assam has to be transported not only within the state but to other far off places like Tamil Nadu, Punjab, Jammu and Kashmir and Haryana, Rajasthan, where it is consumed.

A marketing firm has to analyse its transportation needs after taking into consideration various factors such as nature of the product, cost and location of target market and take decisions in respect of mode of transportation to be chosen and other related aspects.

12. Storage or Warehousing: Usually there is a time gap between the production or procurement of goods and their sale or use. It may be because of irregular demand for the

products such as in the case of woollen garments or Raincoats or there may be irregular supply because of seasonal production such as in the case of agricultural products (sugarcane, rice, wheat, cotton, etc.). In order to maintain smooth flow of products in the market, there is a need for proper storage of the products. Further, there is a need for storage of adequate stock of goods to protect against unavoidable delays in delivery or to meet out contingencies in the demand. In the process of marketing, the function of storage is performed by different agencies such as manufacturers, wholesalers and retailers.

ROLE OF MARKETING

All marketing organisations operate either to earn profit or pursue some other goals such as community service, improvement of quality of life or promotion of a cause, say UNICEF working for the welfare of children or 'Helpage' working for the cause of senior citizens. Whether it is a profit organisation or a non-profit organisation, marketing plays an important role in achieving its objectives. It helps the individual consumers in raising their standard of living by making available the products and services that satisfy their needs and wants. It also plays a significant role in the economic development of a nation. The role of marketing in different situations may be described in brief as follows.

Role in a Firm

The modern concept of marketing plays a significant role in achieving the objectives of a firm. It emphasises that customer satisfaction is the key to the survival and growth of an organisation in the contemporary competitive marketing environment. By adopting marketing orientation, an organisation whether profit making or non-profit making, can achieve its goals in the most effective manner. It helps in focusing the activities of an organisation on the needs and wants of the customers. For example, what products or services will be marketed by a firm will depend upon what do its customers need. Thus, an analysis of the needs of the customers shall be undertaken in order to decide what to produce and sell. The product will then be designed according to the needs of the potential buyers and be made available through the outlets convenient to customers and be priced at a level which the target customers can afford. In other words, marketing as a business philosophy helps in serving the customers by satisfying their needs. It is a well known fact that a satisfied customer is the most valuable asset of any firm. Thus, marketing plays a crucial role in the survival and growth of a firm.

Role in the Economy

Marketing plays a significant role in the development of an economy. It acts as a catalyst in the economic development

of a country and helps in raising the standards of living of the people.

Development of a nation can be judged by the level of standard of living of its people. Another important criteria, which is related to the first one, is the per capita income of an average citizen of a country. On this basis, an underdeveloped country may be stated to be one which is characterised by factors like poverty, scarcity of goods and services, predominance of agriculture, etc.

Marketing can play a significant role in the economic development of a nation. It can inspire people to undertake new activities and to set up enterprises for producing goods that are needed by the customers. Marketing can help in overcoming obstacles posed by high prices due to imbalances in the levels of production and consumption. It can also ensure smooth flow of goods through efficient physical distribution arrangements.

In other words, marketing can help in finding out right type of products and services that a firm should manufacture, the places where it should make such products available for sale, the price at which the products should be sold and the channels that should be used for moving the products to the ultimate place of consumption or use. This linkage between the business and consumption centres, accelerates the economic activity leading to higher incomes, more consumption and increased savings and investment.

Test your Understanding II

State whether the following statements are true or false:

- (i) packaging serves as a promotional tool;
- (ii) storage adds time value to the product;
- (iii) financing is important for marketing only high value products;
- (iv) marketing play important role from the point of view of individual consumers only; and
- (v) marketing acts as a catalyst in the economic development of a country.

MARKETING MIX

As stated in an earlier section, the process of marketing involves creating a market offering, to satisfy the needs and wants of the present and potential buyers. The real question is how to create a market offering. Let us say a profitable business opportunity is seen by some firm in the field of producing soft drinks. To develop and market a new brand of soft drinks, a number of important decisions will have to be taken for example whether to go for any collaboration with a foreign manufacturer of soft drinks, whether to produce for the local market or for a wider market, what will be the features of the new product, and so on.

There are large number of factors affecting marketing decisions. These can broadly be divided into two categories: (i) controllable factors, and (ii) non-controllable factors. Controllable factors are those factors which can be influenced at the level of the firm. In the previous illustration, for example, whether the drink will be packed in glass bottles or plastic cans; what will be the name (brand name) of the drink;

at what price it will be sold, (at par with the price at which other competitive brands are sold or below it or above it); what distribution network will be used to make the product available (e.g., hotels, restaurants, groceries shops, kiosks selling cigarette, *paan*, etc.) to the buyers whether the new soft drink will be promoted by putting up advertisements in newspaper or magazine or on radio or television; or say if newspaper, whether in a local newspaper or a national daily; whether in a paper of regional language or an English daily, etc. is decided at the level of marketing manager of the firm.

However, there are certain other factors which affect the decision but are not controllable at the firm's level. These are called environmental variables. For example, the political factors such as the government policy on whether to allow any technical or financial collaboration in the area of soft drinks, production or economic factors such as rate of inflation prevailing in a given period or a credit policy of the central bank affecting the total availability of money in the

market, all of which affect the sale of a particular product but can not be controlled or influenced by the decisions at the level of a firm. To be successful, the decisions regarding 'controllable factors' are to be taken keeping the environmental variables into consideration.

The controllable variables become marketing tools, which are constantly shaped and reshaped by marketing managers, to achieve marketing success. For example, a firm can reshape a market offering by bringing in a change in any of the variable under its own control, say introducing a change in the price or promotion offer or product features or channel used to make the product available to buyers. Thus, from a number of alternatives available a firm chooses a particular combination to develop a market offering. The combination of variables

chosen by a firm to prepare its market offering is also called marketing mix. Thus, marketing mix is described as the set of marketing tools that a firm uses to pursue its marketing objectives in a target market.

ELEMENTS OF MARKETING MIX

The marketing mix consists of various elements, which have broadly been classified into four categories, popularly known as four Ps of marketing. These are: (i) Product, (ii) Price, (iii) Place, and (iv) Promotion. These are briefly discussed as follows:

1. Product: Product means goods or services or 'anything of value', which is offered to the market for sale. For example, Hindustan lever offers number of consumer products like toiletries (Close-Up toothpaste, Lifebuoy soap, etc.),

Marketing Mix: Elements

Product

Product Mix
Product Quality
New Product
Design and Development
Packaging
Labelling
Branding

Place

Channel Strategy
Channel Selection
Channel Conflict
Channel Cooperation
Physical Distribution

Price

Price Level
Margins
Pricing Policy
Pricing Strategies
Price Change

Promotion

Promotion Mix
Advertising
Personal Selling
Sales Promotion
Publicity
Public Relations

detergent powder (Surf, Wheel), food products (Refined Vegetable Oil); Tata offers Tata Steel, Trucks, Salt and a large number of other products; LG Electronics offers televisions, refrigerators, colour monitors for computers, etc; Amul offers a number of food products (Amul milk, ghee, butter, cheese, chocolates, etc.).

The concept of product relates to not only the physical product as mentioned in the above examples but also the benefits offered by it from customer's view point (for example toothpaste is bought for whitening teeth, strengthening gums, etc.). The concept of product also include the extended product or what is offered to the customers by way of after sales services, handling complaints, availability of spare parts etc. These aspects are very important, particularly in the marketing of consumer durable products (like Automobiles, Refrigerators, etc.). The important product decisions include deciding about the features, quality, packaging, labelling and branding of the products.

2. Price: Price is the amount of money customers have to pay to obtain the product. In case of most of the products, level of price affects the level of their demand. The marketers have not only to decide about the objectives of price setting but to analyse the factors determining the price and fix a price for the firm's products. Decisions have also to be taken in respect of discounts to customers,

traders and credit terms, etc. so that customers perceive the price to be in line with the value of the product.

3. Place: Place or Physical Distribution include activities that make firm's products available to the target customers. Important decision areas in this respect include selection of dealers or intermediaries to reach the customers, providing support to the intermediaries (by way of discounts, promotional campaigns, etc.). The intermediaries in turn keep inventory of the firm's products, demonstrate them to potential buyers, negotiate price with buyers, close sales and also service the products after the sale. The other decision areas relate to managing inventory, storage and warehousing and transportation of goods from the place it is produced to the place it is required by the buyers.

4. Promotion: Promotion of products and services include activities that communicate availability, features, merits, etc. of the products to the target customers and persuade them to buy it. Most marketing organisations, undertake various promotional activities and spend substantial amount of money on the promotion of their goods through using number of tools such as advertising, personal selling and sales promotion techniques (like price discounts, free samples, etc.). A large number of decisions are to be taken in each of the area specified above. For example, in the respect of advertising it is important to decide about the message, the media to be used (example, print-media-newspaper,

magazines, etc. the objections of customers, etc.).

The success of a market offer will depend on how well these ingredients are mixed to create superior value for the customers and simultaneously achieve their sale and profit objectives. Let us say a firm would like to achieve necessary volume of sale at a cost that will permit a desired level of profit. But so many alternative mixes can be adopted by a firm to achieve this objectives. The issue before a firm then is to decide what would be the most effective combination of elements to achieve the given objectives.

PRODUCT

In common parlance, the word 'product', is used to refer only to the physical or tangible attributes of a product. For example, we say we have

bought a car or a pen or a Cell phone or a tractor.

Our decision to buy a product is not only affected by its physical qualities, but also by certain non-tangible and psychological factors, e.g., brand name, reputation, guaranty, packaging etc. Let us say, when a person buys a car, he/she is not just buying a few nuts and bolts, an engine, four wheels and so on. Rather he/she is buying a means of transport, a status symbol, guarantees and warranties accompanying the product, image of the company and many other such attributes. Thus, in marketing, product is a mixture of tangible and intangible attributes, which are capable of being exchanged for a value, with ability to satisfy customer needs. Besides physical objects, we also include services, ideas, persons, and places in the

PepsiCo Eyes New Products, Acquisitions

Aims at Adding Production Capacity for Gatorade and other Non-carbonated Drinks

PepsiCo on Monday said it will launch new healthier products next year and focus on growth in emerging markets, a continuation of the strategy that helped the world's No. 2 beverage company stay profitable ever as sales growth of its flagship soft drinks has slowed.

PepsiCo's new CEO Indra Nooyi, who took the reins on October 1, also said the company was on track to meet its annual target of volume and revenue growth in the mid-single digits and earnings per share growth in the low double digits.

PepsiCo evolved from being known mostly for selling soda and salty snacks into a \$33-billion food company that has embraced the push into healthier options like Tropicana juice, Aquafina water and whole grain Quaker Oats Cereals.

The company said that moving forward, its capital expenditure as a percentage of sales would increase, and that most of the increased spending will go to expansion in developing and emerging markets and adding manufacturing capacity for Gatorade and other non-carbonated drinks.

Source: Adopted from Economic Times, Oct. 25, 2006

concept of product. Thus, product may be defined as anything that can be offered to a market to satisfy a want or need. It is offered for attention, acquisition, use or consumption.

From the customer's point of view, a product is a bundle of utilities, which is purchased because of its capability to provide satisfaction of certain need. A buyer buys a product or service for what it does for her or the benefit it provides to her. There can be three types of benefits a customer may seek to satisfy from the purchase of a product, viz., (i) functional benefits, (ii) psychological benefits, and (iii) social benefits. For example, the purchase of a motorcycle provides functional utility of transportation, but at the same time satisfies the need for prestige and esteem and provides social benefit by the way of acceptance from a group,

by riding a motorbike. Thus, all these aspects should be considered while planning for a product.

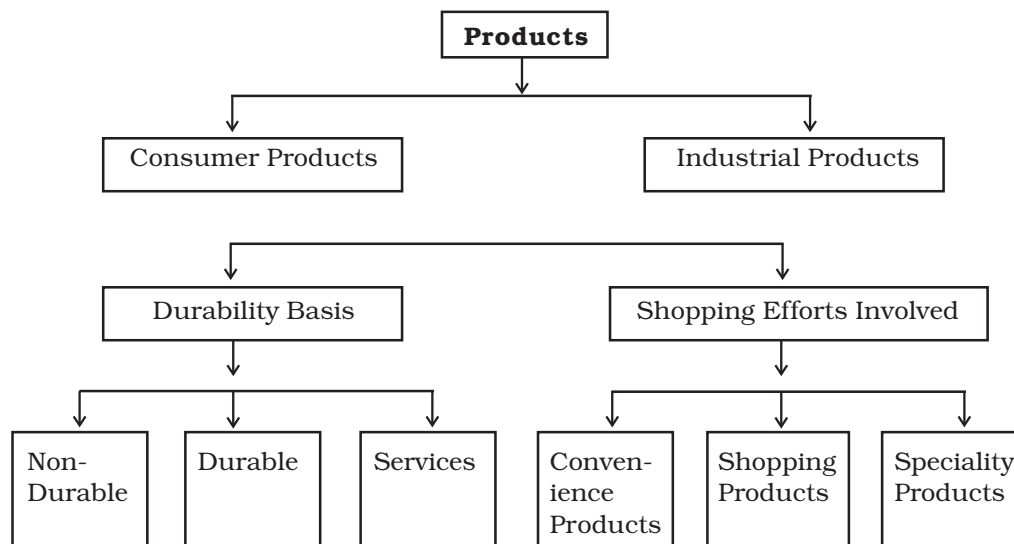
It is customer for companies to review the progress of their present products and constantly look for opportunities of diversifying into never areas. (see box on PepsiCo.)

LET US DO IT

Enlist the functional, psychological and social benefits that can be achieved by the purchase of (i) Personal computer, (ii) Colour television, (iii) Wrist watch.

CLASSIFICATION OF PRODUCTS

Products may broadly be classified into two categories — (i) consumers' products, and (ii) industrial products. The consumer products may further



Classification of Products

be classified into different groups, as detailed below:

CONSUMER PRODUCTS

Products, which are purchased by the ultimate consumers or users for satisfying their personal needs and desires are referred to as consumer products. For example, soap, edible oil, eatables, textiles, toothpaste, fans, etc. which we use for our personal and non-business use are consumer goods.

The consumer products have been classified on the basis of two important factors: (A) the extent of shopping efforts involved, and (B) durability of the product. These have been explained as below:

A. Shopping Efforts Involved

On the basis of the time and effort buyers are willing to spend in the purchase of a product, we can classify the consumer product into the following three categories as here under:

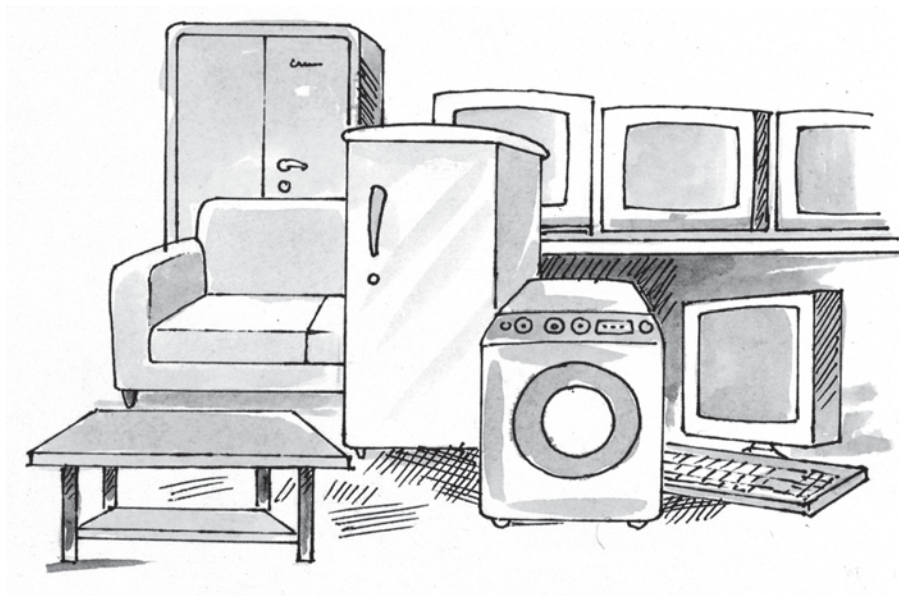
1. Convenience Products: Those consumer products, which are purchased frequently, immediately and with least time and efforts are referred to as convenience goods. Examples of such products are cigarettes, ice creams, medicines, newspaper, stationery items toothpaste. etc. These products have low unit-value and are bought in small quantities. Some of the important characteristics of such products are:



Convenience Products

- (a) These products are purchased at convenient locations, with least efforts and time;
- (b) Convenience products have a regular and continuous demand, as these generally come under the category of essential products;
- (c) These products have small unit of purchase and low prices. For example the eggs are sold at Rs. 28 per dozen and the customers purchase them in small numbers;
- (f) Sales promotion schemes or short-term incentives such as sales contests, discount offers, etc play an important role in the marketing of such products.

2. Shopping Products: Shopping products are those consumer goods, in the purchase of which buyers devote considerable time, to compare the quality, price, style, suitability, etc., at several stores, before making final purchase. Some of the examples



Shopping Products

- (d) Convenience products have standardised price as most of these products are branded products;
 - (e) The competition in these products is high as the supply is greater than the demand. The marketers have, therefore, to heavily advertise for these products; and
- of shopping products are clothes, shoes, jewellery, furniture, radio, television, etc. The important characteristics of shopping products are as below:
- (a) The shopping products are generally of durable nature, i.e., they normally survive many uses;

- (b) The unit price as well as profit margin of shopping products is generally high;
- (c) As these products have high unit price, customers compare the products of different companies before making selection;
- (d) Purchases of shopping products are generally pre-planned and there is little degree of impulse buying in these products; and
- (e) Retailers generally play an important role in the sale of shopping products as lot of persuasive effort is needed to convince the buyers to purchase them.

3. Speciality Products: Speciality products are those consumer goods which have certain special features because of which people make special efforts in their purchase. These products are such, which have reached a brand loyalty of the highest

order, with a significant number of buyers. The buyers are willing to spend a lot of time and efforts on the purchase of such products. For example, if there is a rare collection of artwork or of antiques, some people may be willing to spend a lot of shopping effort and travel long distance to buy such products. In our day-to-day life, we see people going to a particular hair-cutting saloon or restaurant, or a tailor. The demand for these goods is relatively inelastic, i.e., even if the price is increased, the demand does not come down. Some of the important characteristics of the speciality products may be summed up as follows:

- (a) The demand for speciality products is limited as relatively small number of people buy these products;
- (b) These products are generally costly and their unit price is very high;



Speciality Products

- (c) These products are available for sale at few places as the number of customers is small and are willing to take extra efforts in the purchase of these products;
- (d) An aggressive promotion is required for the sale of speciality products, in order to inform people about their availability, features, etc.; and
- (e) After sales services are very important for many of the speciality products.

B. Durability of Products

On the basis of their durability, the consumer products have been classified into three categories—Durable, Non-durable and Services.

1. Non-durable Products: The consumer products which are

normally consumed in one or few uses are called non-durable products. For example, we purchase products like toothpaste, detergents, bathing soap and stationary products etc. From the marketing point of view, these products generally command a small margin, should be made available in many locations and need to be heavily advertised.

2. Durable Products: Those tangible consumer products which normally survive many uses, for example, refrigerator, radio, bicycle, sewing machine and kitchen gadgets are referred to as durable products. These goods are generally used for a longer period, command a higher per unit margin, require greater personal-selling efforts, guarantees

Marketing of Services

India Post Has 28% Market Share Against Blue Dart's 20%

Speed Post Leads the Race in Express Mail

Speed Post has emerged as a market leader in the express mail category with a 27.55% volume share, a study commissioned by the Department of Post (DOP) and government of India shows.

According to the study, almost 46.67% crore articles were sent by express mail in 05-06. The study values the express mail industry alone (excluding logistics and cargo which account for almost 35-40% of private firm's turnover) at around Rs 1,500 crore. In value terms, while Speed Post is the leader, Blue Dart is a close second with a 20% market share, followed by DTDC with a 11.91% share and First Flight with a 10.89% share.

"This has been possible because of our competitive pricing. We are offering the same services as other private couriers do, with the same efficiency but at half the rates", added Mr. Samuel. In fact, Speed Post claims that its volumes have increased by almost 30-40% after the introduction of the One India One Rate scheme.

Express companies are hopeful that the market is going to grow further with the setting up of SEZs and greater economic activity in the country fuelled by the increasing throughput from the manufacturing sector.

Source: Adopted from Economic Times, Oct. 20, 2006

and after sales services, on the part of the seller.

3. Services: The durable and non-durable goods are tangible in the sense that these have a physical existence and can be seen and touched. Services are intangible in form. By services we mean those activities, benefits or satisfactions, which are offered for sale, e.g., dry cleaning, watch repairs, hair cutting, postal services, services offered by a doctor, an architect and a lawyer. Some of the distinguishing characteristics of services are as follows:

- (a) By their very nature, services are intangible, i.e., we can not see, feel or touch them;
- (b) A service is inseparable from its source. That means we cannot separate the service from the person providing the service;
- (c) The services cannot be stored. They are highly perishable. For example, if a tailor does not work for one week, the services he would have provided during such period go waste; and
- (d) Services are highly variable as their type and quality depends on the person providing them. That is why, there is a difference in the extent of satisfaction we get from the services provided by different people.

INDUSTRIAL PRODUCTS

Industrial products are those products, which are used as inputs

in producing other products. The examples of such products are raw materials, engines, lubricants, machines, tools, etc. In other words, industrial products are meant for non-personal and business use for producing other products.

The market for industrial products consists of manufacturers, transport agencies, banks and insurance companies, mining companies and public utilities. The important characteristics of industrial products are given below:

1. Number of Buyers: As compared to the consumer products, the numbers of buyers of industrial products are limited. For example, sugarcane is purchased by few producers of sugar, but sugar, which is a consumer product, is purchased by crores of people in our country.

2. Channel Levels: Because of limited number of buyers, the sale of industrial products is generally made with the help of shorter channels of distribution, i.e., direct selling or one level channel.

3. Geographic Concentration: Because of location of industries at certain points or regions, industrial markets are highly concentrated, geographically. For instance, the demand for power loom comes from Bombay, Sholapur, Bangalore, etc. where the textile industry is concentrated in our country.

4. Derived Demand: The demand for industrial products is derived from the demand for consumer products. For

example, the demand for leather will be derived from demand for shoes and other leather products in the market.

5. Role of Technical Considerations:

Technical considerations assume greater significance in the purchase of industrial products because these products are complex products, bought for use in business operations.

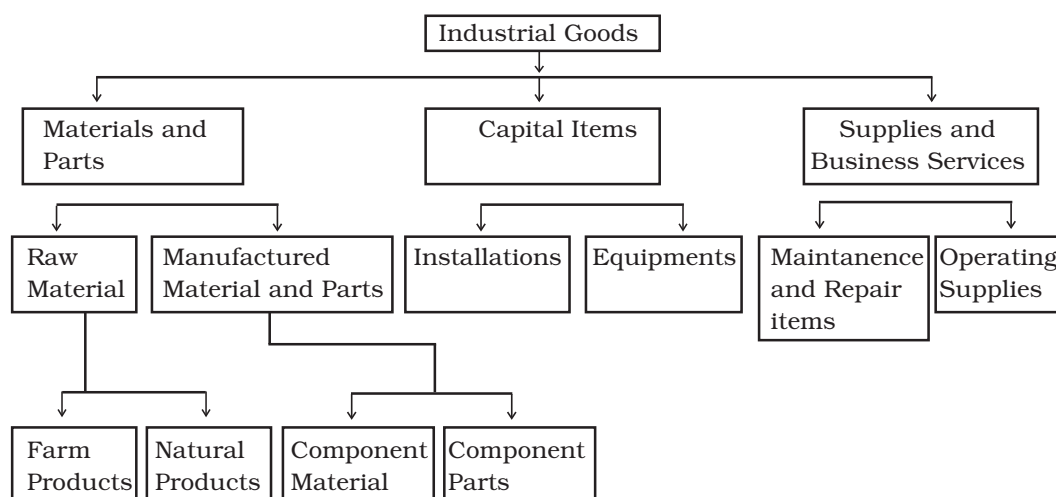
6. Reciprocal Buying: Some big companies from basic industries like oil, steel, rubber, and medicines resort to the practice of reciprocal buying. For example, Ashok Leyland may buy tyres and tubes from MRF, which in turn may buy trucks from Leyland, whenever it feels the need for the same.

7. Leasing Out: A growing trend in industrial product market is to lease out rather than to purchase the products on outright basis because of the heavy price of these products.

Classification

The industrial goods are classified into the following major categories:

- (i) *Materials and Parts:* These include goods that enter the manufacture's products completely. Such goods are of two types: (a) Raw material: including farm products like cotton, sugar cane, oil seed and natural products such as minerals (say crude petroleum, iron ore), fish and lumber; and (b) manufactured material and parts. These are again of two types – component materials like glass, iron, plastic and component parts such as tyre, electric bulb, steering, and battery.
- (ii) *Capital Items:* These are such goods that are used in the



Classification of Industrial Goods

production of finished goods. These include: (a) installations like elevators, mainframe Computers, and (b) equipments like Hand Tools, Personal Computer, Fax Machines, etc.

products have different buying motives and have different attitudes and use different approaches in the purchase of the products. For example, an industrial buyer is expected to be more rational who will

Test Your Understanding III

Please check whether the following statements are true or false:

- (i) Products purchased by ultimate consumers for satisfying their personal needs are referred to as industrial products.
- (ii) Speciality products are generally costly and their unit price is high.
- (iii) Purchase of convenience products is generally pre-planned.
- (iv) Shopping products are purchased frequently, immediately and with least efforts.
- (v) Sales promotional schemes play important role in the sale of industrial products.
- (vi) Product is anything that can be offered to a market to satisfy a want or need.
- (vii) Durable products are normally consumed in one or few uses.
- (viii) Services can not be stored.
- (ix) Furniture is an example of consumer non-durable product.
- (x) Toothpaste is an example of consumer product.

- (iii) *Supplies and Business Services*: These are short lasting goods and services that facilitate developing or managing the finished product. These include: (a) maintenance and repair items like Paint, Nails, etc., and (b) operating supplies like Lubricant, Computer Stationary, Writing Paper, etc.

The difference in the nature of consumer products and industrial products is important because of the fact that the buyers of the two sets of

study the cost of different available brands, their technical specifications and the goodwill of the supplier. Whereas, the buyer of a consumer product may be more impulsive and emotional who is susceptible to advertising and various sales promotion schemes.

BRANDING

One of the most important decisions that a marketer has to take in the area of 'product' is in respect of branding. He has to decide whether the firm's products will be marketed under a brand name or a generic name.

Generic name refers to the name of the whole class of the product. For example, a book, a wristwatch, tyre, camera, toilet soap, etc. We know that a camera is a lens surrounded by plastic or steel from all sides and having certain other features such as a flash gun and so on. Similarly book is a bunch of papers, which are in a bound form, on which some useful information about a subject is printed. Thus, all products having these characteristics would be called by the generic name such as camera or book.

If products were sold by generic names, it would be very difficult for the marketers to distinguish their products from that of their competitors. Thus,

most marketers give a name to their product, which helps in identifying and distinguishing their products from the competitors' products. This process of giving a name or a sign or a symbol etc., to a product is called branding. The various terms relating to branding are as follows:

1. Brand: A brand is a name, term, sign, symbol, design or some combination of them, used to identify the products—goods or services of one seller or group of sellers and to differentiate them from those of the competitors. For example, some of the common brands are Bata, Lifebuoy, Dunlop, Hot Shot, and Parker. Brand is a comprehensive term, which has

Brands and Branding

Branding is creating a corporate brand identity for consumer, and getting that brand identity imprinted on the minds of consumer, and this requires brand positioning and brand management.

A brand today is an entity (product, service, company, person, technology, etc.), that offers a set of value exchange measures between what the owner/market seeks and the price he is willing to pay for.

It has always seemed to me that your brand is formed primarily, not by what your company says about itself, but what the company does.

— **Jeff Bezos**

A product is something made in a factory; a brand is something that is bought by the customer. A product can be copied by a competitor; a brand is unique. A product can be quickly outdated; a successful brand is timeless.

— **Stephen King**

Your brand's power lies in dominance. It is better to have 50% of one market, instead of 10% of five markets.

— **Al Ries**

Your brand image is primarily an emotional construct. Emotion is probably always more powerful in swaying people than reason, but people like to be able to rationalise their choices.

— **Drayton Bird**

Source: Adopted from Effective Executive, 2006

two components—brand name and brand mark. For example, Asian Paints has the symbol of Gattu on its pack, which is its brand mark.

2. Brand Name: That part of a brand, which can be spoken, is called a brand name. In other words, brand name is the verbal component of a brand. For example, Asian Paints, Safola, Maggie, Lifebuoy, Dunlop, and Uncle Chips are the brand names.

3. Brand Mark: That part of a brand which can be recognised but which is not utterable is called brand mark. It appears in the form of a symbol, design, distinct colour scheme or lettering. For example, the Gattu of Asian Paints or Devil of Onida or symbol of Yogkshma of LIC, or four fingers and a palm of Anacin are all brand marks.

4. Trade Mark: A brand or part of a brand that is given legal protection is called trademark. The protection is given against its use by other firms. Thus the firm, which got its brand registered, gets the exclusive right for its use. In that case, no other firm can use such name or mark in the country.

Though branding adds to the cost e.g., to the cost of packaging, labelling, legal protection, and promotion, it provides several advantages to the sellers as well as the consumers.

Advantages to the Marketers

(i) *Enables Marking Product Differentiation:* Branding helps a

firm in distinguishing its product from that of its competitors. This enables the firm to secure and control the market for its products.

(ii) *Helps in Advertising and Display Programmes:* A brand aids a firm in its advertising and display programmes. Without a brand name, the advertiser can only create awareness for the generic product and can never be sure of the sale for his product.

(iii) *Differential Pricing:* Branding enables a firm to charge different price for its products than that charged by its competitors. This is possible because if customers like a brand and become habitual of it, they do not mind paying a little higher for it.

(iv) *Ease in Introduction of New Product:* If a new product is introduced under a known brand, it enjoys the reflected glory of the brand and is likely to get off to an excellent start. Thus, many companies with established brand names decide to introduce new products in the same name. For example, Food Specialties Ltd. had a successful brand Maggie (Noodles), it extended this name to many of its new products introduced such as Tomato Ketchup, Soups, etc. Similarly Samsung extended the brand name of its Television to Washing Machines and other durable products, like Microwave oven.

Advantages to Customers

- (i) *Helps in Product Identification:* Branding helps the customers in identifying the products. For example, if a person is satisfied with a particular brand of a product, say tea leaves or detergent soap, he need not make a close inspection every time, he has to buy that product. Thus, branding greatly facilitates repeat purchase of the products.
 - (ii) *Ensures Quality:* Branding ensures a particular level of quality of the product. Thus, whenever there is any deviation in the quality, the customers can have recourse to the manufacturer or the marketer. This builds up confidence of the customers and helps in increasing his level of satisfaction.
 - (iii) *Status Symbol:* Some brands become status symbols because of their quality. The consumers of those brands of products feel proud of using them and adds to the level of satisfaction of the customers.
- decision important is the fact that once a brand name is chosen and the product is launched in the market, changing the brand name is very difficult. So, getting it right the first time is very essential. Following are some of the considerations, which should be kept in mind while choosing a brand name.
- (i) The brand name should be short, easy to pronounce, spell, recognise and remember e.g., Ponds, VIP, Rin, Vim, etc.
 - (ii) A brand should suggest the product's benefits and qualities. It should be appropriate to the product's function. e.g., Rasika, Genteel, Promise, My Fair Lady and Boost.
 - (iii) A brand name should be distinctive e.g., Liril, Sprit, Safari, Zodiac.
 - (iv) The brand name should be adaptable to packing or labelling requirements, to different advertising media and to different languages.
 - (v) The brand name should be sufficiently versatile to accommodate new products, which are added to the product line e.g., Maggie, Colgate.
 - (vi) It should be capable of being registered and protected legally.

Characteristics of Good Brand Name

Choosing the right brand name is not an easy decision. What makes this

Do it Yourself

Visit a retail store in your locality and prepare a list of the (i) number of brands available, (ii) the price of each brand, and (iii) most selling brand in respect of any three consumer non-durable products such as Toilet Soap, Detergent Powder, Cooking, Oil, Toothpaste, Tea, etc. used in your family. Which brand of each of the product selected is used in your family? Give reasons.

- (vii) Chosen name should have staying power i.e., it should not get out of date.

PACKAGING

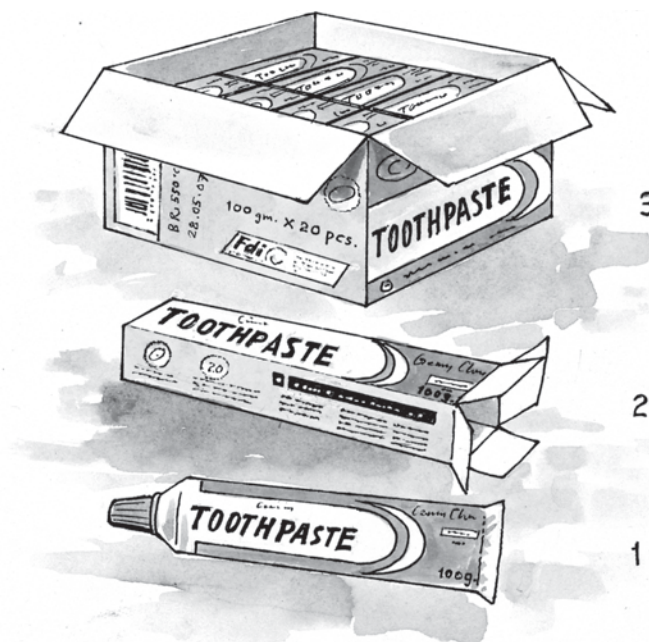
One of the most important developments affecting the business world in recent years has been in the area of packaging. Many products, which we thought could never lend themselves to packing because of their nature, have been successfully packed e.g., Pulses, Ghee, Milk, Salt, Cold Drinks, etc. Packaging refers to the act of designing and producing the container or wrapper of a product. Packaging plays a very important role in the marketing success or failure of many products, particularly the

consumer non-durable products. In fact if one makes an analysis of the reasons for the success of some of the successful products in the recent past, it can be noted that packaging has played its due role. For example, it was one of the important factors in the success of products like Maggie's Noodles, Uncle Chips or Crax wafers.

Levels of Packaging

There can be three different levels of packaging. These are as below:

1. Primary Package: It refers to the product's immediate container. In some cases, the primary package is kept till the consumer is ready to use the product (e.g., plastic packet for socks); whereas in other cases, it is



Levels of Packaging

kept throughout the entire life of the product (e.g., a toothpaste tube, a match box, etc.).

2. Secondary Packaging: It refers to additional layers of protection that are kept till the product is ready for use, e.g., a tube of shaving cream usually comes in a card board box. When consumers start using the shaving cream, they will dispose off the box but retain the primary tube.

3. Transportation Packaging: It refers to further packaging components necessary for storage, identification or transportation. For example a toothpaste manufacturer may send the goods to retailers in corrugated boxes containing 10, 20, or 100 units.

Importance of Packaging

Packaging has acquired great significance in the marketing of goods and services, because of following reasons:

- (i) *Rising Standards of Health and Sanitation:* Because of the increasing standards of living in the country, more and more people have started purchasing packed goods as the chances of adulteration in such goods are minimised.
- (ii) *Self Service Outlets:* The self-service retail outlets are becoming very popular, particularly in major cities and towns. Because of this, some of the traditional role assigned to personal selling in respect of promotion has gone to packaging.

(iii) *Innovational Opportunity:* Some of the recent developments in the area of packaging have completely changed the marketing scene in the country. For example, milk can now be stored for 4-5 days without refrigeration in the recently developed packing materials. Similarly, in the area of pharmaceuticals, soft drinks, etc., lots of new innovations have come in respect of packaging. As a result, the scope for the marketing of such products has increased.

(iv) *Product Differentiation:* Packaging is one of the very important means of creating product differentiation. The colour, size, material etc., of package makes real difference in the perception of customers about the quality of the product. For example, by looking at the package of a product say Paint or Hair Oil, one can make some guess about quality of the product contained in it.

Functions of Packaging

As stated above, packaging performs a number of functions in the marketing of goods. Some of the important functions are as follows:

- (i) *Product Identification:* Packaging greatly helps in identification of the products. For example, Colgate in red colour, or Ponds cream jar can be easily identified by its package.
- (ii) *Product Protection:* Packaging protects the contents of a product

from spoilage, breakage, leakage, pilferage, damage, climatic effect, etc. This kind of protection is required during storing, distribution and transportation of the product.

- (iii) *Facilitating Use of the Product:* The size and shape of the package should be such that it should be convenient to open, handle and use for the consumers. Cosmetics, medicines and tubes of toothpastes are good examples of this.
- (iv) *Product Promotion:* Packaging is also used for promotion purposes. A startling colour scheme, photograph or typeface may be used to attract attention of the people at the point of purchase. Sometimes it may work even better than advertising. In self-service stores, this role of packaging becomes all the more important.

Labelling

A simple looking but important task in the marketing of goods relates to designing the label to be put on the package. The label may vary from a simple tag attached to the product (such as in case of local unbranded products like sugar, wheat, pulses, etc.) indicating some information

about the quality or price, to complex graphics that are part of the package, like the ones on branded products (say the graphic of Boat and Patwar on the package of a popular brand of After Shave Lotion or of a lady offering a pen to solicit the views of the users, on the label of a detergent powder). Labels are useful in providing detailed information about the product, its contents, method of use, etc. The various functions performed by a label are as follows:

1. Describe the Product and Specify its Contents: Let us look at some of the labels of the products used by us in our day to day life. The label on the package of a local tea company describes the company as 'Mohini Tea Company, an ISO 9001:200C Certified Company'; a popular brand of Prickly Heat Powder, describes how the product provides relief from prickly heat and controls bacterial growth and infection, giving caution forbidding its application on cuts and wounds. Package of fast food products like ready to eat Dosa, Idli or Noodles, describe the procedure of cooking these products; the Package of a toothpaste brand lists the 'Ten Teeth and Gum Problems', which the product claims to fight with its

Do it Yourself

Visit a local Grocery Shop and find out any two products which are sold both in packaged form and in loose (unpackaged) form and find out i) The product for which the sale in packaged form is greater ii) The product for which sale in loose form is greater. iii) the benefit, to the retailer in selling goods on i) packaged form and ii) unpackaged form.

'Complete Germicheck Formula'; the Package of a brand of Coconut Oil describes the product as pure coconut oil with Heena, Amla, Lemon and specifies how these are good for Hair. Thus, one of the most important functions of labels is to describe the product, its usage, cautions in use, etc. and specify its contents.

2. Identification of the Product or Brand: The other important function performed by labels is to help in identifying the product or brand. For example, the brand name of any product, say Biscuits or Potato Chips imprinted on its package helps us to identify, from number of packages, which one is our favourite brand. Other common identification information provided by the labels include name and address of the manufacturer, net weight when packed, manufacturing date, maximum retail price and Batch number.

3. Grading of Products: Another important function performed by labels is to help grading the products into different categories. Sometimes marketers assign different grades to indicate different features or quality of the product. For example, a popular

brand of Hair Conditioners comes in different categories for different hair, say for 'normal hair' and for other categories. Different type of tea is sold by some brands under Yellow, Red and Green Label categories.

4. Helps in Promotion of Products:

An important function of label is to aid in promotion of the products. A carefully designed label can attract attention and give reason to purchase. We see many product labels providing promotional messages for example, the pack of a popular Amla Hair Oil states, 'Baalon mein Dum, Life mein Fun'. The label on the package of a brand of Detergent Powder says, 'Keep cloth look good and your machine in top condition'. Labels play important role in sales promotional schemes launched by companies. For example the label on the package of a Shaving Cream mentions, '40% Extra Free' or package of a toothpaste mentioning, 'Free Toothbrush Inside', or 'Save Rs15'.

5. Providing Information Required by Law: Another important function of labeling is to provide information required by law. For example, the statutory warning on the package of Cigarette or Pan Masala, 'Smoking is Injurious to Health' or 'Chewing

Do it Yourself

1. Examine the label on the package of any three branded products recently purchased for use in your family and list out the type of information contained on these.
2. Find out the promotional messages given on the package of any three consumer products of your choice and comment how can these help in the sale of these products.

Tobacco is Injurious to Health'. Such information is required on processed foods, drugs and tobacco products. In case of hazardous or poisonous material, appropriate safety-warning need to be put on the label.

Thus, labels perform number of important functions relating to communicating with the potential buyers and promoting the sale of the products.

PRICING

When a product is bought, some money is paid for it. This money represent the sum of values that consumers exchange for the benefit of having or using the prdocut and is referred to as the price of the product. Similarly, money paid for the services such as fare for the transport service, premium for an insurance policy, and fee to a doctor for his medical advise represent the price of these services. Price may therefore be defined as the amount of money paid by a buyer (or received by a seller) in consideration of the purchase of a product or a service.

Pricing occupies an important place in the marketing of goods and services by a firm. No product can be launched without a price tag or at least some guidelines for pricing. Pricing is often used as a regulator of the demand of a product. Generally, if the price of a product is increased, its demand comes down, and vice-versa.

Pricing is considered to be an effective competitive weapon. In the conditions of perfect competition,

most of the firms compete with each other on the basis of this factor. It is also the single most important factor affecting the revenue and profits of a firm. Thus, most marketing firms give high importance to the fixation of price for their products and services.

Factors Affecting Price Determination

There are number of factors which affect the fixation of the price of a product. Some of the important factors in this regard are discussed as below:

1. Product Cost: One of the most important factor affecting price of a product or service is its cost. This includes the cost of producing, distributing and selling the product. The cost sets the minimum level or the floor price at which the product may be sold. Generally all marketing firms strive to cover all their costs, at least in the long run. In addition, they aim at earning a margin of profit over and above the costs. In certain circumstance, for example, at the time of introducing a new product or while entering a new market, the products may be sold at a price, which does not cover all the costs. But in the long run, a firm cannot survive unless at least all its costs are covered.

There are broadly three types of costs: viz., Fixed Costs, Variable Costs and Semi Variable Costs. Fixed costs are those costs, which do not vary with the level of activity of a firm say with the volume of production or sale. For example, rent of a building or salary

of a sales manager remains the same whether 1000 units or 10 units are produced in a week.

Those costs which vary in direct proportion with the level of activity are called variable costs. For example, the costs of raw material, labour and power are directly related with the quantity of goods produced. Let us say, if the cost of wood for manufacturing one chair comes to Rs. 100 the cost of wood for 10 chairs would be Rs. 1000. Obviously, there will be no cost of wood if no chair is produced.

Semi variable costs are those costs which vary with the level of activity but not in direct proportion with it. For example, compensation of a sales person may include a fixed salary of say Rs. 10,000 plus a commission of 5 per cent on sales. With an increase in the volume of sales, the total compensation will increase but not in direct proportion with the change in the volume of sale.

Total Costs are the sum total of the fixed, variable and semi-variable costs for the specific level of activity, say volume of sales or quantity produced.

2. The Utility and Demand: While the product costs set the lower limits of the price, the utility provided by the product and the intensity of demand of the buyer sets the upper limit of price, which a buyer would be prepared to pay. In fact the price must reflect the interest of both the parties to the transaction—the buyer and the seller. The buyer may be ready to pay up to the point where the utility from the product is at least equal to the

sacrifice made in terms of the price paid. The seller would, however, try to at least cover the costs. According to the law of demand, consumers usually purchase more units at a low price than at a high price.

The price of a product is affected by the elasticity of demand of the product. The demand is said to be elastic if a relatively small change in price results in large change in the quantity demanded. Here numerically, the price elasticity is greater than one. In the case of inelastic demand, the total revenue increases when the price is increased and goes down when the price is reduced. If the demand of a product is inelastic, the firm is in a better position to fix higher prices.

3. Extent of Competition in the Market: Between the lower limit and the upper limit where would the price settle down? This is affected by the nature and the degree of competition. The price will tend to reach the upper limit in case there is lesser degree of competition while under conditions of free competition, the price will tend to be set at the lowest level.

Competitors' prices and their anticipated reactions must be considered before fixing the price of a product. Not only the price but the quality and the features of the competitive products must be examined carefully, before fixing the price.

4. Government and Legal Regulations: In order to protect the interest of public against unfair practices in the field of price fixing, Government can intervene and regulate the price of

commodities. Government can declare a product as essential product and regulate its price. For example, the cost of a drug manufactured by a company having monopoly in the production of the same come to Rs 20 per strip of ten and the buyer is prepared to pay any amount for it, say Rs 200. In the absence of any competitor, the seller may be tempted to extort the maximum amount of Rs 200 for the drug and intervene to regulate the price. Usually in such a case, the Government does not allow the firms to charge such a high price and intervene to regulate the price of the drug. This can be done by the Government by declaring the drug as essential commodity and regulating its price. (see box)

5. Pricing Objectives: Pricing objectives are another important factor affecting the fixation of the price of a product or a service. Generally the objective is stated to be maximise the profits. But there is a

difference in maximising profit in the short run and in the long run. If the firm decides to maximise profits in the short run, it would tend to charge maximum price for its products. But if it is to maximise its total profit in the long run, it would opt for a lower per unit price so that it can capture larger share of the market and earn greater profits through increased sales.

Apart from profit maximisation, the pricing objectives of a firm may include:

- (a) **Obtaining Market Share Leadership:** If a firm's objective is to obtain larger share of the market; it will keep the price of its products at lower levels so that greater number of people are attracted to purchase the products;
- (b) **Surviving in a Competitive Market:** If a firm is facing difficulties in surviving in the market because of intense competition or introduction of a more efficient substitute by a competitor, it may resort to

NPPA Sets 20% annual Cap for drug Price Rise

Drug price watchdog National Pharmaceutical Pricing Authority (NPPA) has decided to invoke the 'public interest' clause in the drugs law more often to pressure companies to reduce prices of medicines that go up more than 20% in a year.

The pricing body has also decided to limit its communication with companies to just one reminder asking them to respond to the show-cause notice on why the drug should not be recommended for price control, sources told ET.

NPPA has now started scrutinising the fluctuations in the price-to-retailer of 48,600 formulation packs every month. Every month, two to three formulations are likely to get caught on an average.

So far, NPPA has recommended 45 cases of alleged abnormal price increase to the Chemicals Ministry for appropriate action, on which the ministry has sent notices to 11 companies asking them to reduce prices or face price control.

Source: Adopted from The Economic Times, Nov. 3, 2006

discounting its products or running a promotion campaign to liquidate its stock; and

- (c) **Attaining Product Quality Leadership:** In this case, normally higher prices are charged to cover high quality and high cost of Research and Development.

Thus, the price of a firm's products and services is affected by the pricing objective of the firm.

6. Marketing Methods Used: Price fixation process is also affected by other elements of marketing such as distribution system, quality of salesmen employed, quality and amount of advertising, sales promotion efforts, the type of packaging, product differentiation, credit facility and customer services provided. For example, if a company provides free home delivery, it has some of flexibility in fixing prices. Similarly, uniqueness of any of the elements mentioned above gives the company a competitive freedom in fixing prices of its products.

PHYSICAL DISTRIBUTION

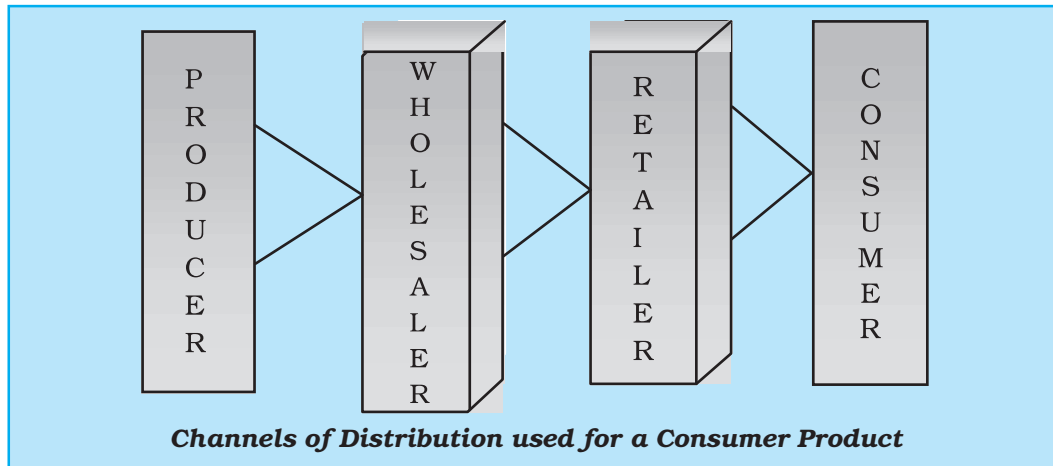
The fourth important element of marketing mix is the physical distribution of products and services. It is concerned with making the goods and services available at the right place, so that people can purchase the same. There are two important decisions relating to this aspect—one regarding physical movement of goods from producers to consumers or users and two, regarding the channels

or using intermediaries in the distribution process. These are described as follows:

Channels of Distribution

In case of large number of consumer products, the potential buyers are scattered over a wide geographical area. In order to contact these people efficiently and effectively, it is important to take the help of number of intermediaries as contacting them directly may not be cost effective and may be difficult even otherwise. For example, a manufacturer of detergent powder in Gujarat would find it very difficult to directly approach customers, say in Delhi, Thiruvananthapuram, Bhuvaneshwar, Hyderabad Srinagar and other far off places. Therefore, he/she would supply a large quantity of his/her product to a big merchant, say in Hyderabad. This big merchant would then supply detergent powder to relatively small sellers in various towns of Hyderabad. These sellers would, in turn, resell the goods to customers. In this manner, goods are distributed from the place of production to the place of consumption. These people, institutions, merchants, and functionaries, who take part in the distribution function, are called 'Channels of Distribution'. (see figure on channels)

Channels of Distribution are set of firms and individuals that take title, or assist in transferring title, to particular goods or services as it moves from the producers to the consumers. In other words, channel refers to a team of merchants, agents,



and business institutions that combine physical movement and title movement of products to reach specific destinations.

Mostly goods and services are distributed through a network of marketing channels. For example we buy merchandise of our need such as salt, bulb, tea, sugar, soap, paper, books, flour, etc., from retail sellers.

The channels bring economy of effort. This can be better understood with the help of an example. Let us say you have to buy four things, viz., Sugar, Bulb, Coffee and Ink. Most probably you would walk into a General Merchant's Shop and buy all the articles from one place. Imagine what would happen if there were no middlemen or general merchants available. In that case you would have to buy directly from the manufacturers of these products. You will have to make four contacts, each with the producer of Sugar, Bulb, Coffee and Ink. Compared to this, there was only one contact when all the things were

bought from the same general merchant. Now let us assume that there are four customers needing the same four articles. In all sixteen contacts would have to be made. In case middlemen are used, as shown in the part II of the figure, only eight contacts could be needed. Thus, use of middlemen brings economy of effort. This situation is illustrated in the preceding figure.

Apart from the economy of effort, middlemen help to cover large geographical area and bring efficiency in distribution, including transportation, storage and negotiation. They bring convenience to customers as they make various items available at one store and also serve as authentic source of market information as they are in direct contact with the customer.

Functions of Distribution Channels

Channels of distribution smoothen the flow of goods by creating possession, place and time utilities. They facilitate

movement of goods by overcoming various time, place and possession barriers that exist between the manufacturers and consumers. The important functions performed by middlemen are as follows:

1. Sorting: Middlemen procure supplies of goods from a variety of sources, which is often not of the same quality, nature, and size. For example, a wholesaler of cashew nuts may procure a large quantity from different cashew nut producing areas, which would contain nuts of varied quality and sizes. He/She then sorts the nuts into homogenous groups on the basis of the size or quality.

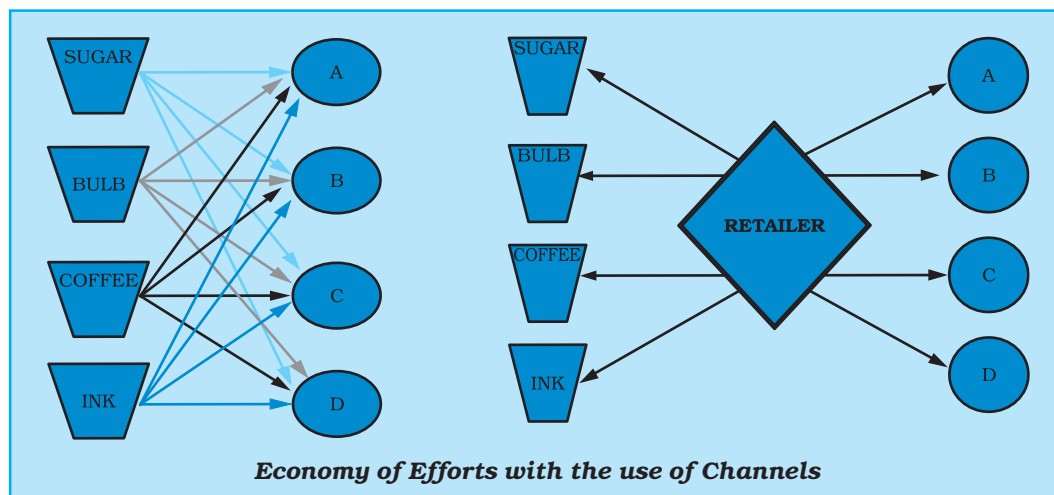
2. Accumulation: This function involves accumulation of goods into larger homogeneous stocks, which help in maintaining continuous flow of supply.

3. Allocation: Allocation involves breaking homogenous stock into smaller, marketable lots. For example,

once cashew nuts are graded and large quantities are built, these are divided into convenient packs of say 1 kg, 500 gms and 250 gms, to sell them to different types of buyers.

4. Assorting: Middlemen build assortment of products for resale. There is usually a difference between the product lines made by manufacturers and the assortment or combinations desired by the users. For example, a cricket player may need a bat, a ball, wickets, gloves, helmet, a T-shirt, and a pair of shoes. Perhaps no one manufacturer produces these products in desired combination. Middlemen procure variety of goods from different sources and deliver them in combinations desired by customers.

5. Product Promotion: Mostly advertising and other sales promotion activities are organised by manufacturers. Middlemen also participate in certain activities such as demonstrations, special displays,



contests, etc., to increase the sale of products.

6. Negotiation: Channels operate with manufacturers on the one hand and customers on the other. Arriving at deals that satisfy both the parties is another important function of the middlemen. They negotiate the price, quality, guarantee and other related matters with customers so that transfer of ownership is properly affected.

7. Risk Taking: In the process of distribution of goods the merchant middlemen take title of the goods and thereby assume risks on account of price and demand fluctuations, spoilage, destruction, etc.

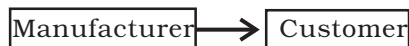
Types of Channels

A manufacturer may choose from direct distribution to indirect distribution and from a short channel consisting of few intermediaries to a long channel of distribution consisting of large number of middlemen. Each form of channel network differs in number and type of middlemen involved. The major types of channels are as follows:

Direct Channel (Zero Level)

The most simple and the shortest mode of distribution is direct distribution, where in the goods are made directly available by the manufacturers to customers, without

(i) *Direct Channel (zero level)*



Indirect Channel

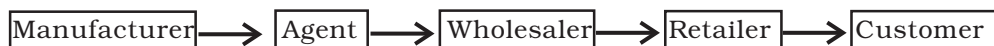
(ii) *One level Channel*



(iii) *Two level Channel*



(iv) *Three level Channel*



Types of Channels

involving any intermediary. This is also called zero level channel. A straight and direct relationship is established between the manufacturer and the customer. For example, when a manufacturer sells his goods through his own retail outlets (e.g., Mc Donald, Bata); it is referred to as direct channel. Similarly, mail order selling, internet selling and selling through own sales force, (e.g., Eureka Forbes) are example of direct selling or zero level channel.

Indirect Channels

When a manufacturer employs one or more intermediary to move goods from the point of production to the point of consumption, the distribution network is called indirect. This may take any of the following forms:

1. Manufacturer-Retailer Consumer (One Level Channel): In this form of arrangement one intermediary i.e., retailers is used between the manufacturers and the customers. That is, goods pass from the manufacture to the retailers who, in turn, sell them to the final users. For example, Maruti Udyog sells its cars and vans through company approved retailers. This type of distribution network enables the manufacturers to cover wide area of market while retaining control over the Channels.

2. Manufacturer-Wholesaler-Retailer-Consumer (Two Level Channel): This is the most commonly adopted distribution network for most

consumer goods like soaps, oils, clothes, rice, sugar and pulses. Here the wholesaler and retailer function as connecting links between the manufacturer and consumer. Use of two middlemen in the channel network enables the manufacturer to cover a larger market area.

3. Manufacturer-Agent-Wholesaler-Retailer-Consumer (Three Level Channel): In this case, manufactures use their own selling agents or brokers who connect them with wholesalers and then the retailers. Thus, one more level is added to the levels discussed in the proceeding arrangement. It is done particularly when the manufacturer carries a limited product line and has to cover a wide market. An agent in each major area is appointed, who in turn contact the wholesalers.

Factors Determining Choice of Channels

Choice of appropriate channel of distribution is a very important marketing decision, which affects the performance of an organisation. Whether an organisation will adopt direct marketing channels or long channels involving number of intermediaries is a strategic decision. The choice of channels depends on various factors, which are discussed as follows:

1. Product Related Factors: The important product related considerations in deciding the channels include whether the product

is an industrial or a consumer product, whether it is a perishable or a non-perishable product, what is the unit value of the product and the degree of complexity of the product.

Industrial products are usually technical, made to order and expensive products purchased by few buyers. These products require short channels i.e., direct channel or involving few middlemen.

Consumer products, on the other hand, are usually standardised, less expensive, less bulky, non-technical and frequently bought products. These can be better distributed by long network of channels, involving many middlemen. Perishable products like fruits, vegetables, and dairy products are best sold through short channels, while non-perishable products like toiletry products (e.g., soap, toothpaste, hair oil etc.), groceries

(vegetable oil, tea leaf etc.), fabrics require longer channels to reach wide spread consumers.

If the unit value of a product is low as in case of most convenience products, long channels are preferred while in case of high value products, shorter channels may be used. Similarly, in case of complex products requiring technical details as in case of most industrial or engineering products, short channels are preferred but if the product is a non-complex one, it is sold through long channels, involving number of intermediaries.

2. Company Characteristics: The important company characteristics affecting the choice of channels of distribution include the financial strength of the company and the degree of control it wants to hold on other channel members. Direct selling involves lot of funds to be invested in

India to have Variants of \$ Store

It's the cheap and cheerful concept that has worked all over the world. Now, its coming to your friendly neighbourhood mall but retail marketers are offering it with a weak or two.

Though the concept, relatively new to the Indian market, retailers are trying to aggressively foray region's low-cost daily-use retail segment. Idea is to enable a customer buy a range of products its for or less than Rs 99. This being the template, retailers have introduced nations to suit there business models. The store range of largely food, healthcare and products.

Home stores has gone a step further to introduce some interesting modifications to the basic idea of a dollar-and-dime store. "We believe that pricing all products at a flat Rs 99 will be a rigid approach. We have introduced four different price slabs to make it more attractive and reach a broader customer profile.

Homemaker's group has modified the idea even further by introducing bargain pricing on its products with the help of a two-digit price band. So customers visiting the Homemakers shops will not only get products between Rs 10 and Rs 99, they will also have more price positioning options.

Source: Adopted from The Economic Times, Dec. 16, 2005

fixed assets say for starting own retail outlets or engaging large number of sales force. Indirect selling through intermediary does not involve deployment of huge funds on these aspects. Thus, if the firm has plenty of funds it may go for direct distribution. If spare funds are not available, it may go for indirect channels.

Similarly if the management want to have greater control on the channel members, short channels are used but if the management do not want more control over the middlemen, it can go in for longer channel or large number of intermediaries.

3. Competitive Factors: The choice of channel is also affected by the channel selected by competitors in the same industry. If the competitor's have selected a particular channel say Chemist shops for the sale of toiletry products like hair oil, the other firm may also like to select the similar channel. In some cases producers may want to avoid the channels used by competitors. For example if other cosmetic producers have chosen big retail stores for the sale of their products, a particular firm may like to adopt door to door selling. Thus, it will depend upon the policy of the firm – whether it wants to go with the competitors or be different from them. The changing global marketing environment has lead to adoption of newer channels. (see box)

4. Market Factors: Important market factors affecting the choice of channel of distribution include size of market, geographical concentration of

potential buyers and quantity purchased. In case the number of buyers is small, like for most industrial products, short channels are used. But if the number of buyers is large, as in case of most convenience products like soft drink, toothpaste etc., longer channels involving large number of intermediaries are used.

If the buyers are concentrated in a small place, short channels may be used but if the buyers are widely dispersed over a large geographical area, longer channels may be used. Similarly if the size of order is small, as in case of most consumer products, large number of intermediaries may be used. But if the size of order is large, direct channels may be used.

5. Environmental Factors: Other important factors affecting the choice of channels of distribution include environmental factor such as economic condition and legal constraints. In a depressed economy marketers use shorter channels to distribute their goods in an economical way.

PHYSICAL DISTRIBUTION

Once goods are manufactured, packaged, branded, priced, and promoted, these must be made available to customers at the right place, in right quantity and at the right time. For example, a person convinced about the quality etc. of a product, say, a detergent bar, wants to purchase the same. He/She goes to a retail outlet and asks for the product. If that product is not available in that shop,

he/she may purchase some of the alternative brand available. This way a sure sale is lost because goods were not available at the place where the customer wanted to purchase. Thus, it is an important responsibility of the marketers to make the product physically available at a place where the customers would like them to buy. The physical handling and movement of goods from place of production to the place of distribution is referred to as physical distribution, which is a very important element of marketing mix.

Physical distribution covers all the activities required to physically move goods from manufacturers to the customers. Important activities involved in the physical distribution include transportation, warehousing, material handling, and inventory control. These activities constitute major components of physical distribution.

Components of Physical Distribution

The main components of physical distribution are explained as follows:

1. Order Processing: In a typical buyer-seller relationship order placement is the first step. Products flow from manufacturers to customers via channel members while orders flow in the reverse direction, from customers to the manufacturers. A good physical distribution system should provide for an accurate and speedy processing of orders, in the absence of which goods would reach the customers late or in wrong quantity

or specifications. This would result in customer dissatisfaction, with the danger of loss of business and goodwill.

2. Transportation: Transportation is the means of carrying goods and raw materials from the point of production to the point of sale. It is one of the major elements in the physical distribution of goods. It is important because unless the goods are physically made available, the sale cannot be completed.

3. Warehousing: Warehousing refers to the act of storing and assorting products in order to create time utility in them. The basic purpose of warehousing activities is to arrange placement of goods and provide facilities to store them. The need for warehousing arises because there may be difference between the time a product is produced and the time it is required for consumption. Generally the efficiency of a firm in serving its customers will depend on where these warehouses are located and where are these to be delivered.

Generally larger the number of warehouses a firm has, lesser would be the time taken in serving customers at different locations but greater would be the cost of warehousing and vice-versa. Thus the firm has to strike a balance between the cost of warehousing and the level of customer service.

For products requiring long-term storage (such as agricultural products) the warehouses are located near production sites. This helps in

Nothing Beats Word of Mouth in India

Nothing sways an Indian buyer's choice more than a word of reassurance from the people he knows. Now even high octane media blitz. A global online survey conducted by ACNielsen puts word of mouth communication and referencing as the biggest influence than conventional advertising on consumers in their buying decisions. In big ticket purchases like cars, mobile phones and home loans, the study says that almost 50% of consumers in India rely on the references from their friends and relatives while making their decisions.

The story is different in developed economies. Take the case of automobiles. In markets like the US, Canada and Japan more people are influenced by conventional advertising by automobile companies, in developing markets like India, Malaysia and Thailand it's the neighbour or the colleague who tips the scales one way or the other. "In case of luxury goods, the psyche of Indians has always been different. Buying a car is a family decision, so it is only natural that all the members of the family will talk to all the other users of a similar products, who they know", General Motors India director P Balendran said:

"No wonder, large automakers in India spend as much on customer satisfaction as advertising, and recognitions like the JD Power Customer Satisfaction awards taken so seriously."

When the whole world is going crazy with Internet and mobile marketing, it is interesting that for Indians it's still conventional advertising and word of mouth campaigns that sways their choices. Unlike in the West, Indians come from a very closely-knit society where people get influenced by their peers, relatives and local celebrities. People are more than willing to accept a brand if it's endorsed by their favourite superstar or is recommended by their close associates," AC Nielsen (south Asia) ED Sarang Panchal says:

"However, in markets like the US, previous experience with the products is the strongest influencer overall and particularly when it came to buying cars (49%), choosing a banks (46%), mobile phone (39%) and loans (35%). Word of mouth is a priority while buying weight loss products and mobile phones."

Source: Adopted from Economic Times, Oct. 24, 2006

minimising the charges on transportation of the goods. On the other hand, the products which are bulky and hard to ship (machinery, automobiles) as well as perishable products (bakery, meat, vegetables) are kept at different locations near the market.

4. Inventory Control: Linked to warehousing decisions are the inventory

decisions which hold key to success for many manufacturers, especially those where the perunit cost is high. A very important decision in respect of inventory is deciding about the level of inventory. Higher the level of inventory, higher will be the level of service to customers but the cost of carrying the inventory will also be high because lot

of capital would be tied up in the stock. Thus, a balance is to be maintained in respect of the cost and customer satisfaction. With advancements in computers and information technology the need for keeping higher inventory is reducing and the new concept of Just-in-Time-Inventory decision is becoming popular in an increasing number of companies.

The decision regarding level of inventory involves prediction about the demand for the product. A correct estimate of the demand helps to hold inventory and cost level down to a minimum. This not only helps the firm in terms of the cash flows but also in terms of its ability to maintain production at a consistent level.

The major factors determining inventory levels include:

- firm's policy regarding the level of customer service to be offered. Higher the level of service greater will be the need to keep more inventories;
- degree of accuracy of the sales forecasts. In case more accurate estimates are available, the need

for keeping very high level of inventory can be minimised;

- responsiveness of the distribution system i.e., ability of the system to transmit inventory needs back to the factory and get products in the market. In case the time required to respond to the additional demand for the products is high there is a need to maintain higher inventory. But if the additional demand can be met in less time, the need for inventory will also be low; and
- cost of inventory, which includes holding cost such as cost of warehousing, tied up capital, etc and the manufacturing cost.

PROMOTION

A company may produce a good quality product, price it appropriately and make it available at the selling points, which are convenient to customers. But in spite of all this, the product may not sell well in the market. There is a need for developing proper communication with the market. In the absence of communication, the customers would



Marketing Communications

not be able to know about the product and how it can satisfy their needs and wants or may not be convinced about its utility and benefits.

Promotion refers to the use of communication with the twin objective of informing potential customers about a product and persuading them to buy it. In other words, promotion is an important element of marketing mix by which marketers make use of various tools of communication to encourage exchange of goods and services in the market.

PROMOTION MIX

Promotion mix refers to combination of promotional tools used by an organisation to achieve its communication objectives. Various tools of communication are used by the marketers to inform and persuade customers about their firm's products. These include: (i) Advertising, (ii) Personal Selling, (iii) Sales Promotion, and (iv) Publicity. These tools are also called elements of promotion mix and can be used in different combinations, to achieve the goals of promotion. For example consumer goods firms may use more of advertising through mass

media while the industrial goods firms may be using more of personal selling. What combination of these elements is used by a firm will depend upon various factors such as nature of market, nature product, the promotion budget, objectives of promotion, etc. Let us first know about these elements in some details.

ADVERTISING

We generally come across hundreds of advertising messages everyday, which tell us about various products such as toilet soaps, detergent powder, soft drinks and services such as hotels, insurance policies, etc.

Advertising is perhaps the most commonly used tool of promotion. It is an impersonal form of communication, which is paid for by the marketers (sponsors) to promote some goods or service. The most common modes of advertising are 'newspapers', 'magazines', 'television', and 'radio'.

The important distinguishing features of advertising are as follows:

- (i) *Paid Form*: Advertising is a paid form of communication. That is, the sponsor has to bear the cost of communicating with the prospects.

Advertising

"If you're trying to persuade people to do something, or buy something, it seems to me you should use their language, the language in which they think."

—David Ogilvy

"We find that advertising works the way the grass grows. You can never see it, but every week you have to move the lawn."

—Andy Travis

- (ii) *Impersonality*: There is no direct face-to-face contact between the prospect and the advertiser. It is therefore, referred to as impersonal method of promotion. Advertising creates a monologue and not a dialogue.
- (iii) *Identified Sponsor*: Advertising is undertaken by some identified individual or company, who makes the advertising efforts and also bears the cost of it.

Merits of Advertising

Advertising, as a medium of communication, has the following merits:

- (i) *Mass Reach*: Advertising is a medium through which a large number of people can be reached over a vast geographical area. For example, an advertisement message placed in a national daily reaches lakhs of its subscribers.
- (ii) *Enhancing Customer Satisfaction and Confidence*: Advertising creates confidence amongst prospective buyers as they feel more comfortable and assured about the product quality and hence feel more satisfied.
- (iii) *Expressiveness*: With the developments in art, computer designs, and graphics, advertising has developed into one of the most forceful medium of communication. With the special effects that can be created, even simple products and messages can look very attractive.
- (iv) *Economy*: Advertising is a very economical mode of communication if large number of people are to be reached. Because of its wide reach, the overall cost of advertising gets spread over numerous communication links established. As a result the per-unit cost of reach comes low.

Limitations of Advertising

The following are the major limitations of advertising as a tool of promotion:

- (i) *Less Forceful*: Advertising is an impersonal form of communication. It is less forceful than the personal selling as there is no compulsion on the prospects to pay attention to the message.
- (ii) *Lack of Feedback*: The evaluation of the effectiveness of advertising message is very difficult as there is no immediate and accurate feedback mechanism of the message that is delivered.
- (iii) *Inflexibility*: Advertising is less flexible as the message is standardised and is not tailor made to the requirements of the different customer groups.
- (iv) *Low Effectiveness*: As the volume of advertising is getting more and more expanded it is becoming difficult to make advertising messages heard by the target prospects. This is affecting the effectiveness of advertising.

OBJECTIONS TO ADVERTISING

In the proceeding sections, you have noted the merits and limitations of advertising. Though advertising is one of the most frequently used medium of promotion of goods and services, it attracts lot of criticism. The opponents of advertising say that the expenditure on advertising is a social waste as it adds to the cost, multiplies the needs of people and undermines social values. The proponents, however, argue that advertising is very useful as it increases the reach, brings the pay unit cost of production down and adds to the growth of the economy. It is therefore, important to examine the major criticisms against advertising and see the extent to which these are true. This is taken up as follows:

1. Adds to Cost: The opponents of advertising argue that advertising unnecessarily adds to the cost of product, which is ultimately passed on to the buyers in the form of high prices. An advertisement on TV, for a few seconds, for example, costs the marketers several lakhs of rupees. Similarly an advertisement in print media say in a newspaper or a magazine costs the marketers a large amount of money. The money spent adds to the cost, which in an important factor in fixation of the price of a product.

True, advertisement of a product costs lot of money but it helps to increase the demand for the product as large number of potential buyers

come to know about the availability of the products, its features etc. and are persuaded to buy it. The increased demand leads to higher production, which brings with it the economies of scale. As a result, the per unit cost of production comes down as the total cost is divided by larger number of units. Thus, the expenditure on advertisement adds to the total cost but the per unit cost comes down which in fact lessens the burden of consumers rather than adding to it.

2. Undermines Social Values: Another important criticism of advertising is that it undermines social values and promotes materialism. It breeds discontent among people as they come to know about new products and feel dissatisfied with their present state of affairs. Some advertisements show new life styles, which don't find social approval.

This criticism is not entirely true. Advertisement in fact helps buyers by informing them about the new products, which may be improvement over the existing products. If the buyers are not informed about these products, they may be using inefficient products. Further, the job of an advertisement is to inform. The final choice to buy or not to buy anyway rests with the buyers. They will buy if the advertised product satisfies some of their needs. They may be motivated to work harder to be able to purchase these products.

3. Confuses the Buyers: Another criticism against advertisement is that so many products are being advertised

which makes similar claims that the buyer gets confused as to which one is true and which one should be relied upon. For example, we may note similar claims of whiteness or stain removing abilities in competing brands of detergent powder or claims of whiteness of tooth or 'feelings of freshness' in competing brands of toothpaste that it is sometimes confusing to us as to which one to buy.

The supporters of advertisement, however, argue that we are all rational human beings who make our decisions for purchase of products on factors such as price, style, size, etc. Thus the buyers can clear their confusion by analysing the information provided on the advertisements and other sources before taking a decision to purchase a

product. However, this criticism cannot be completely overruled.

4. Encourages Sale of Inferior Products: Advertising does not distinguish between superior and inferior products and persuade people to purchase even the inferior products.

In fact superiority and inferiority depends on the quality, which is a relative concept. The desired level of quality will depend on the economic status and preferences of the target customers. Advertisements sell products of a given quality and the buyers will buy if it suits their requirements. No advertisement should however, make false claim about the quality of a product. If a firm makes a false claims it can be prosecuted for the same.

Celebrities' Influence on Brands' Performance

Example of ad campaigns featuring celebrities, which resulted in brand building and growth in volumes.

Cadbury's and Amitabh Bachchan: The commercial, a testimonial by Bachchan on a factory visit, was launched to rebuild the trust in the brand. Twelve weeks after the campaign was launched, the sales reached 90 per cent of volumes prior to the worm crisis. Big B's presence helped the company to get media coverage that added to the campaign's impact.

Santro and Shah Rukh Khan: Shah Rukh was roped in Santro ad to strike an immediate bond with the consumers. Shah Rukh Khan is an unconventional superhero with a quirky acting style that matched the image of Santro.

Titan and Aamir Khan: Both are considered to be Indian icons and have made a mark internationally; the obsession with detail is common to both, as also a sense of style. The Mangal Pandey look, which was unconventional, made the advertisement stand out, along with the fact that Aamir is less exposed than the other celebrities.

Munch and Rani Mukherjee: The campaign for Munch was aired on TV roped Rani Mukherjee to give "a big brand feel". The company got incredibly good result in recall and the ad was a big hit with kids. Rani was used as a consumer and not as a filmstar.

Sachin Tendulkar and Boost: Research indicated that the brand's association with Sachin has consistently been successful in strengthening the brand's core values and building brand stature. Kids look up to Sachin as a true hero, want to emulate everything that he does and can't seem to get enough of him.

Source: *Adopted from Indian Journal of Marketing, Oct. 5, 2006*

5. Some Advertisements are in Bad Taste:

Another criticism against advertising is that some advertisements are in bad taste. These show something which is not approved by some people say advertisements showing women dancing when not required or running after a man because he is wearing a particular suit or using a particular perfume are certainly not good. Some advertisements distort the relationship like employer employee and are quite offensive.

We have seen the views of the opponents and the proponents of advertising. There may be some chances of misuse of advertising as a tool, which can be properly safeguarded by the law or by developing a code of conduct by the advertisers, for their self regulation. However, most of the criticism against advertising are not entirely true. In the

changed economic environment of globalisation, advertising is considered as an important tool of marketing. It helps a firm in effectively communicating with its target market, increasing the sale and thereby reducing the per unit cost of production. It is not a social waste, rather it adds value to the social cause by giving a boost to production and generating employment.

PERSONAL SELLING

Personal selling involves oral presentation of message in the form of conversation with one or more prospective customers for the purpose of making sales. It is a personal form of communication. Companies appoint salespersons to contact prospective buyers and create awareness about the product and develop product preferences with the aim of making sale.

Personal Selling

'Most people think 'selling' is the same as 'talking'. But the most effective salespeople know that listening is the most important part of their job.'

—Roy Bartell

'You don't close a sale, you open a relationship if you want to build a long-term, successful enterprise.'

—Patricia Fripp

Features of Personal Selling

- (i) *Personal Form:* In personal selling a direct face-to-face dialogue takes place that involves an interactive relationship between the seller and the buyer.
- (ii) *Development of Relationship:* Personal selling allows a salesperson to develop personal relationships with the prospective customers, which may become important in making sale.

Merits of Personal Selling

- (i) *Flexibility:* There is lot of flexibility in personal selling. The sales presentation can be adjusted to fit the specific needs of the individual customers.
- (ii) *Direct Feedback:* As there is direct face-to-face communication in personal selling, it is possible to take a direct feed back from the customer and to adapt the presentation according to the needs of the prospects.
- (iii) *Minimum Wastage:* The wastage of efforts in personal selling can be minimised as company can decide the target customers before making any contact with them.

ROLE OF PERSONAL SELLING

Personal selling plays a very important role in the marketing of goods and services. The importance of personal selling to businessmen, customers and society may be described as below.

Importance to Businessmen

Personal selling is a powerful tool for creating demand for a firm's products and increasing their sale. The importance of personal selling to a business organisation may be described as follows:

- (i) *Effective Promotional Tool:* Personal selling is very effective promotional tool, which helps in influencing the prospects about the merits of a product and thereby increasing its sale.
- (ii) *Flexible Tool:* Personal selling is more flexible than other tools of promotion such as advertising and sales promotion. It helps business persons in adopting their offer in varying purchase situations.
- (iii) *Minimises Wastage of Efforts:* Compared with other tools of promotion, the possibility of wastage of efforts in personal selling is minimum. This helps the business persons in bringing economy in their efforts.
- (iv) *Consumer Attention:* There is an opportunity to detect the loss of consumer attention and interest in a personal selling situation. This helps a business person in successfully completing the sale.
- (v) *Lasting Relationship:* Personal selling helps to develop lasting relationship between the sales persons and the customers, which is very important for achieving the objectives of business.

- (vi) *Personal Rapport*: Development of personal rapport with customers increases the competitive strength of a business organisation.
- (vii) *Role in Introduction Stage*: Personal selling plays very important role in the introduction stage of a new product as it helps in persuading customers about the merits of the product.
- (viii) *Link with Customers*: Sales people play three different roles, namely persuasive role, service role and informative role, and thereby link a business firm to its customers.

Importance to Customers

This role of personal selling becomes more important for the illiterate and rural customers, who do not have many other means of getting product information.

The customers are benefited by personal selling in the following ways:

- (i) *Help in Identifying Needs*: Personal selling helps the customers in identifying their needs and wants and in knowing how these can best be satisfied.
- (ii) *Latest Market Information*: Customers get latest market information regarding price changes, product availability and shortages and new product introduction, which help them in taking the purchase decisions in a better way.
- (iii) *Expert Advice*: Customers get expert advice and guidance in

purchasing various goods and services, which help them in making better purchase.

- (iv) *Induces Customers*: Personal selling induces customers to purchase new products that satisfy their needs in a better way and thereby helps in improving their standards of living.

Importance to Society

Personal selling plays a very productive role in the economic progress of a society. The more specific benefits of personal selling to a society are as follows:

- (i) *Converts Latest Demand*: Personal selling converts latest demand into effective demand. It is through this cycle that the economic activity in the society is fostered, leading to more jobs, more incomes and more products and services. That is how economic growth is influenced by personal selling.
- (ii) *Employment Opportunities*: Personal selling offers greater income and employment opportunities to the unemployed youth.
- (iii) *Career Opportunities*: Personal selling provides attractive career with greater opportunities for advancement and job satisfaction as well as security, respect, variety, interest and independence to young men and women.
- (iv) *Mobility of Sales People*: There is a greater degree of mobility in sales

people, which promote travel and tourism in the country.

- (v) *Product Standardisation:* Personal selling increases product standardisation and uniformity in consumption pattern in a diverse society.

SALES PROMOTION

Sales promotion refers to short-term incentives, which are designed to encourage the buyers to make immediate purchase of a product or service. These include all promotional efforts other than advertising, personal selling and publicity, used by a company to boost its sales. Sales promotion activities include offering cash discounts, sales contests, free gift offers, and free sample distribution. Sales promotion is usually undertaken to supplement other promotional efforts such as advertising and personal selling.

Companies use sales promotion tools specifically designed to promote to customers (e.g., free samples, discounts, and contests), tradesmen or middlemen (e.g., cooperative advertising, dealer discounts and dealer incentives and contests) and to sales person (e.g., bonus, salesmen contests, special offers). Sales promotions include only those activities that are used to provide short term incentives to boost the sales of a firm.

Merits of Sales Promotion

- (i) *Attention Value:* Sales promotion activities attract attention of the

people because of the use of incentives.

- (ii) *Useful in New Product Launch:* Sales promotion tools can be very effective at the time of introduction of a new product in the market. It induces people to break away from their regular buying behaviour and try the new product.

- (iii) *Synergy in Total Promotional Efforts:* Sales promotion activities are designed to supplement the personal selling and advertising efforts used by a firm and add to the over all effectiveness of the promotional efforts of a firm.

Limitation of Sales Promotion

- (i) *Reflects Crisis:* If a firm frequently rely on sales promotion, it may give the impression that it is unable to manage its sales or that there are no takers of its product.
- (ii) *Spoils Product Image:* Use of sales promotion tools may affect the image of a product. The buyers may start feeling that the product is not of good quality or is not appropriately priced.

Commonly used Sales Promotion Activities

1. Rebate: Offering products at special prices, to clear off excess inventory. Example, a car manufacturer's offer to sell a particular brand of car at a discount of Rs 10,000, for a limited period.

2. Discount: Offering products at less than list price. Example, a shoe

company's offer of 'Discount Up to 50%' or a shirt marketer's offer of '50+40% Discount'.

3. Refunds: Refunding a part of price paid by customer on some proof of purchase, say on return of empty foils or wrapper. This is commonly used by food product companies, to boost their sales.

4. Product Combinations: Offering another product as gift along with the


purchase of a product, say offer of a pack of ½ kg of rice with the purchase of a bag of Aatta (wheat flour), or 'Get 128 KB Memory Card Free with a Digicam' or Buy a TV of 25+ and Get a Vacuum Cleaner Free' or '100 Gm Bottle of Sauce Free With 1 kg Detergent.'

5. Quantity Gift: Offering extra quantity of the product commonly used by marketer of toiletry products. For example, a shaving cream's offer of

The Mall

150

STORES Celebrations



FOOD Bazaar	
Sugar 5 Kg. MRP Rs. 125 Rs. 95	Squash 700 ml (Lemon & Orange) Rs. 65 Buy 2 Get 1 Free
Namkeen 5 Kg. MRP Rs. 300 Rs. 250	Biscuits 800g + Chips 50g Combi Pack Rs. 60 - Rs. 50

APPAREL	ELECTRONICS
Kids Apparel Buy 2 Get 1 Free Rs. 200/- and above	Branded 53 cms (21") Flat CTV MRP Rs. 7000/- Rs. 5199/-
TOILET CLEANER Buy 500 ml. Toilet Cleaner. MRP. Rs. 50/- Get a bar of soap 100g. MRP. Rs. 15/- FREE	MOBILES Get assured APPAREL GIFT VOUCHER worth Rs. 700/- on purchase of handset of Rs. 3000/- & above

Sales Promotion

'40% Extra' or A Hotel's offer of "Take a 2 Night 3 Days Package At the Hotel and Get an Extra Night Stay At Just Rs 500" or 'Buy 2 Get 1 Free' offer of a marketer of shirts.

6. Instant Draws and Assigned Gift:

For example, 'Scratch a Card' or 'Burst a Cracker' and instantly win a Refrigerator, Car, T-shirt, Computer, with the purchase of a TV.

7. Lucky Draw: For example, the offer of a bathing soap to win a gold coin on lucky draw coupon for free petrol on purchase of certain quantity of petrol from given petrol pump or lucky draw coupon on purchase of easy undergarment and win a car offer.

8. Usable Benefit: 'Purchase goods worth Rs 3000 and get a holiday package worth Rs 3000 free' or 'Get a Discount Voucher for Accessories on Apparel Purchase of Rs 1000 and above.'

9. Full finance @ 0%: Many marketers of consumer durables such as Electronic goods, automobiles etc offer easy financing schemes such as '24 easy instalments, Eight Up Front and 16 To Be Paid as Post Dated Cheques'. However, one should be careful about the file charges, which sometimes is nothing but interest recovered in advance.

10. Sampling: Offer of free sample of a product, say a detergent powder or tooth paste to potential customers at the time of launch of a new brand.

11. Contests: Competitive events involving application of skills or luck,

say solving a quiz or answering some questions.

PUBLICITY

Publicity is similar to advertising, in the sense that it is a non-personal form of communication. However, as against advertising it is a non-paid form of communication. Publicity generally takes place when favourable news is presented in the mass media about a product or service. For example, if a manufacturer achieves a breakthrough by developing a car engine, which runs on water instead of petrol, and this news is covered by television or radio or newspapers in the form of a news item. It would be termed as publicity because the engine manufacturer would benefit from such dissemination of information about its achievement by the media but would not bear any cost for the same. Thus, the two important features of publicity are that:

- (i) Publicity is an unpaid form of communication. It does not involve any direct expenditure by the marketing firm; and
- (ii) There is no identified sponsor for the communication as the message goes as a news item.

In publicity, as the information is disseminated by an independent source, e.g., the press in the form of news stories and features, the message has more credibility than if that comes as a sponsored message in advertising.

Also, as the message goes in the form of a news rather than direct sales communication, it can reach even to

those persons who otherwise may not pay attention to paid communication.

However, an important limitation of publicity is that as a medium of promotion, it is not within the control of a marketing firm. The media would cover only those pieces of information, which are news worthy and which symbolise some achievement in the field. Thus, a firm can't use publicity to actively promote its products.

PUBLIC RELATIONS

Managing public opinion of an organisation is an important task which can be performed by the marketing department. The business needs to communicate effectively to customers, suppliers, and dealers, since they are instrumental in increasing the sales and profit. Besides those who come into direct contact with the organisation or its products, there are other members of the general public whose voice or opinion is equally important. This public may be interested in the company and its product and have an impact on the business ability to achieve its objectives. Thus, it becomes imperative to manage public opinion and the company's relation with the public on a regular basis. Therefore, public relations involve a variety of programmes designed to promote or protect a company's image and its individual products in the eyes of the public.

The business relates with a number of groups including suppliers, shareholders, intermediaries, activist groups, and the government. For

example, active support of middlemen is needed if the firm wants to survive in a competitive selling environment. Similarly, consumer activist groups need to be satisfied because they can impose restriction on the sales of the firm's products directly by urging customers to refrain from buying them or through the imposition of laws. Most organisations, business or otherwise nowadays, have a separate department to manage public relations. They may also utilize the services of any outside public relations agency.

Their main task is to disseminate information and build goodwill about the business. Concrete steps are to be taken to monitor the attitude of the general public and generate positive publicity. They are especially useful when there is negative publicity about the company or its products. At that time, the situation has to be tackled like an emergency to improve public image. The public relations department then has to do something drastic so that damage to company's images is controlled and minimised. They also advise top management to adopt certain programmes which will add to their public image and ensure that negative publicity does not take place at all.

Role of Public Relations

The role of public relations can be discussed with respect to the functions which the department performs. Public relations itself is an important tool in the hands of the marketing department, which can be used to the advantage of the business. The public relations department performs five functions:

1. **Press relations:** Information about the organisation needs to be presented in a positive manner in the press. Generating news requires skill in developing and researching a story and getting the media to accept press releases is a difficult task. The public relations department is in contact with the media to present true facts and a correct picture about the company. Otherwise news can get distorted if taken from other sources.
 2. **Product publicity:** New products require special effort to publicise them and the company has to sponsor such programmes. The public relations department manages the sponsoring of such events. The company can draw attention to new products by arranging sports and cultural events like news conferences, seminars and exhibitions.
 3. **Corporate Communication:** The image of the organisation needs to be promoted through communicating with the public and the employees within the organisation. This is usually done with the help of newsletter, annual reports, brochures, articles and audio-visual materials. Companies rely on these materials to reach and influence their target markets. Speeches by the company's executives at a meeting of trade associations or trade fairs can really boost the company's image. Even interviews with TV channels and responding to queries from the media go a long way in promoting public relations.
 4. **Lobbying:** The organisation has to deal with government officials and different ministers in charge of corporate affairs, industry, finance with respect to policies relating to business and the economy. The government also seeks to maintain a healthy relationship with associations of commerce and industry and solicits the opinion of major stakeholders while formulating industrial, telecom, taxation policies, etc. The public relations department then has to be really proactive in promoting or decoding regulations that affect them.
 5. **Counselling:** The public relations department advises the management on general issues which affect the public and the position the company would like to take on a particular issue. The company can build goodwill by contributing money and time to certain causes like environment, wildlife, children's rights, education, etc. Such cause-related activities help in promoting public relations and building goodwill.
- In addition, maintaining good public relations also helps in achieving the following marketing objectives:
- (a) **Building awareness:** Public relations department can place stories and dramatise the product in the media. This will build marketplace excitement before the product reaches the market or

media advertising takes place. This usually creates a favourable impression on the target customer.

- (b) **Building credibility:** If news about a product comes in the media whether print or electronic it always lends credibility and people believe in the product since it is in the news.
- (c) **Stimulates sales force:** It becomes easier for the sales force to deal with the retailers and convince dealers if they have already heard about the

product in the news before it is launched. Retailers and dealers also feel it is easier to sell the product to the ultimate consumer.

- (d) **Lowers promotion costs:** Maintaining good public relations costs much less than advertising and direct mail. However, it requires a lot of communication and interpersonal skills to convince the media to give space or time for the organisation and its product.

The major differences between advertising and personal selling are as follows:

Difference between Advertising and Personal Selling		
S. No.	Advertising	Personal Selling
1.	Advertising is an impersonal form of communication.	Personal selling is a personal form of communication.
2.	Advertising involves transmission of standardised messages, i.e., same message is sent to all the customers in a market segment.	In personal selling, the sales talk is adjusted keeping view customer's background and needs.
3.	Advertising is inflexible as the message can't be adjusted to the needs of the buyer.	Personal selling is highly flexible. as the message can be adjusted.
4.	It reaches masses, i.e., a large number of people can be approached.	Only a limited number of people can be contacted because of time and cost considerations.
5.	In advertising the cost per person reached is very low.	The cost per person is quite high in the case of personal selling.
6.	Advertising can cover the market in a short time.	Personal selling efforts take a lot of time to cover the entire market.
7.	Advertising makes use of mass media such television, radio, newspaper, and magazines.	Personal selling makes use of sales staff, which has limited reach.

8. Advertising lacks direct feedback. Marketing research efforts are needed to judge customers' reactions to advertising.	Personal selling provides direct and immediate feed back. Sales persons come to know about the customers' reactions immediately.
9. Advertising is more useful in creating and building interest of the consumers in the firms products.	Personal selling plays important role at the awareness stage of decision making.
10. Advertising is more useful in marketing to the ultimate consumer's who are large in numbers.	Personal selling is more helpful in selling products to the industrial buyers or to intermediaries such as dealers and retailers who are relatively few in numbers.

KEY TERMS

Marketing	Brand Mark	Market Packaging
Marketing Management	Labelling	Marketing Mix
Channels of Distribution	Marketing Offering	Physical Distribution
Consumer Product	Promotion	Industrial Product
Promotion Mix	Convenience Product	Advertising
Shopping Product	Personal Selling	Speciality Product
Publicity	Generic Name	Sales Promotion
Brand	Brand Name	Trade Mark

SUMMARY

In the traditional sense, the term 'market' refers to the place where buyers and sellers gather to enter into transactions involving the exchange of goods and services. But in modern marketing sense, it refers to a set of actual and potential buyers of a product or service.

What is Marketing: The term marketing has been described as performance of business activities that direct the flow of goods and services from producers to consumers. Marketing is not merely a post-production activity. It includes many activities that are performed even before goods are actually produced and continue even after the goods have been sold.

In Modern Times: Marketing is described as a social process by which individual groups obtain what they need and want through creating offerings and freely exchanging products and services of value with others. Marketing is not merely a business phenomena or confined only to business organisations. Marketing activities are equally relevant to non-profit organisations.

What can be Marketed: Anything that is of value to the other can be marketed. It can be a product or a service or a person or a place or an idea. It can also be an experience, properties, events, information or organisation.

Marketing management means management of the marketing function. It refers to 'The art and science of choosing target markets and getting, keeping and growing customers through creating, delivering and communicating superior customer value of management.'

Marketing and Selling: Many people confuse 'selling' for 'marketing'. However, selling is only a part of the process of marketing. The main focus of selling is on affecting transfer of title and possession of goods from sellers to users. Marketing activities put greater thrust on maximising customer's satisfaction.

Marketing Management Philosophies: The different business philosophies or concepts guiding the marketing efforts are: (i) *Production Concept* which assumes that availability and affordability of the product are the key to the success of a firm and puts greater emphasis on improving the production and distribution efficiency of the firms. (ii) *Product Concept* assumes that product improvement is, the key to profit maximisation of a firm; (iii) *Sales Concept* assumes that the customers would not buy, or not buy enough, unless they are adequately convinced and motivated to do so, It is believed that aggressive selling and promotional efforts are important to make customers buy their products. (iv) *Marketing Concept* implies that focus on satisfaction of customer's needs is the key to the success of any organisation in the market. (v) *The Societal Marketing Concept* is the extension of the marketing concept as supplemented by the concern for the long-term welfare of the society.

Functions of Marketing: The important functions of marketing include Gathering and Analysing Market Information, Marketing Planning, Product Designing and Development, Standardisation and Grading, Packaging and Labelling, Branding, Customer Support Services, Pricing of Products, Promotion, Physical distribution, Transportation, Storage or Warehousing.

Role of Marketing: By adopting marketing orientation, an organisation whether profit making or non-profit making, can achieve its goals in the most effective manner. Also marketing acts as a catalyst in the economic development of a country and helps in raising the standards of living of people.

Marketing Mix is a set of marketing tools that the firm uses to pursue its marketing objectives in a target market. The variables or elements of marketing mix have been classified in to four categories, popularly known as four Ps of marketing viz., Product, Price, Place and Promotion. These elements are combined to create an offer.

Product: In common parlance, the word 'product', is used to refer only to the physical or tangible attributes of a product. In marketing, product is a mixture of tangible and intangible attributes, which are capable of being exchanged for a value, with ability to satisfy customer needs. It is anything that can be offered to a market to satisfy a want or need. Products may broadly be classified into two categories—industrial products and consumers' products. Products, which are purchased, by the ultimate consumers or users for satisfying their personal needs and desires are referred to as consumer products. On the basis of shopping efforts involved, the products are classified as Convenience Product, Shopping Products and Speciality Products. On the basis of their durability, consumer products have been classified into categories—Durable, Non-durable and Services.

Those activities, benefits or satisfactions, which are offered for sale, e.g., dry cleaning, watch repairs, hair cutting, are called services.

Industrial products are those products, which are used as inputs in producing other products. These are broadly classified in to (i) Materials and Parts, (ii) Capital Items, and (iii) Supplies and Business Services.

Generic name refers to the name of the whole class of the product. For example, a book, a wristwatch, and tyre. A brand is a name, term, sign, symbol, design or some combination of them, used to identify the products—goods or services of one seller or group of sellers and to differentiate them from those of the competitors. That part of a brand, which can be spoken, is called a brand name.

That part of a brand which can be recognized but which is not utter able is called brand mark. Brand mark appears in the form of a symbol, design, distinct colour scheme or lettering. Brand or part of a brand that is given legal protection is called trademark.

A good brand name should be short, easy to pronounce, spell, recognize and remember; Should suggest the product's benefits and qualities; be distinctive; be adaptable to packing or labelling requirements; be sufficiently versatile to accommodate new products; be capable of being registered and protected legally and have staying power i.e. it should not get out of date.

Packaging: The act of designing and producing the container or wrapper of a product is referred as packaging. There can be three different levels of packaging. viz Primary package, Secondary packaged, Transport package. Packaging performs a number of functions in the marketing of goods. Some of the important functions, include Product identification; Product protection; Facilitating the use of the product and Promotion of goods and services.

Labelling: A simple looking but important task in the marketing of goods relates to designing the label to be put on the package. The label may vary from a simple tag attached to the product to complex graphics that are part of the package. The most important functions of labels include i) describing the product ii) help in identifying the product or brand; iii) help in grading the products into different categories; and aids in promotion of the products.

Pricing: Price may be defined as the amount of money paid by a buyer or received by a seller in consideration of the purchase of a product or service. Generally, if the price of a product is increased, its demand comes down, and vice-versa. Pricing is considered to be an effective competitive weapon. It is also the single most important factor affecting the revenue and profits of a firm.

The factors affecting price determination are (i) Product Cost (ii) The Utility and Demand (iii) Competition (iv) Government and Legal Regulations and v) Marketing Methods Used.

Physical Distribution: There are two important decisions relating to this aspect—one regarding physical movement of goods and two, regarding the channels.

Channels of Distribution are set of firms and individuals that take title, or assist in transferring title, to particular goods or services as it moves from the producers to the consumers. Channels of distribution smoothen the flow of goods by creating possession, place and time utilities. The important functions performed by middlemen are: (i) Sorting; (ii) accumulation; (iii) allocation; (iv) assorting; (v) product promotion; (vi) negotiation; and (vii) risk taking:

Types of Channels: (I) Direct distribution channels are those where in the goods are made directly available by the manufacturers to customers, without involving any intermediary; include (II) Indirect Distribution Channels include i. Manufacturer - Retailer - Consumer (One Level Channel) ii. Manufacturer - Wholesaler - Retailer - Consumer (Two Level Channel) iii. Manufacturer - Agent - Retailer - Consumer (Three Level Channel) Factors Determining Choice of Channels include i. Product Related Factors; ii. Company Characteristics iii. Competitive Factor iv. Market Factor; and v. Environmental Factor.

Physical Distribution Covers all the activities required to physically move goods from manufacturers to the customers. The main component of physical distribution are. i. Order Processing; ii. Transportation; iii. Warehousing; and iv. Inventory Control: Just-in-Time-Inventory.

Promotion: Promotion refers to the use of communication with the twin objective of informing potential customers about a product and persuading them to buy it. There are four major tools, or elements of promotion mix, which are —

(i) Advertising, (ii) Personal Selling, (iii) Sales Promotion, and (iv) Publicity. These tools are used in different combinations to achieve the goals of promotion.

Advertising is the most commonly used tool of promotion. It is an impersonal form of communication, which is paid for by the marketers (Sponsors) to promote some goods or service. The merits of advertising, as a medium of communication, include (i) Mass reach; (ii) Enhancing customer satisfaction and confidence iii. Expressiveness; and iv. Economy.

The limitations of advertising are that it is (i) less forceful (ii) lacks Feedback (iii) inflexibility (iv) low effectiveness The most common Objections to Advertising are that it (i) adds to cost; (ii) undermines social Values; iii. confuses the buyers; and iv. encourages sale of Inferior Products:

Most of the criticisms against advertising are not fully true. Advertising is therefore considered an essential function of marketing.

Personal Selling involves oral presentation of message in the form of conversation with one or more prospective customers for the purpose of making sales. Personal Selling plays important role for the business persons as well as for the society.

Sales Promotion refers to short-term incentives, which are designed to encourage the buyers to make immediate purchase of a product service. These include promotional efforts other than advertising, personal selling and publicity, used by a company to boost its sales. Commonly used *Sales Promotion* Activities include Rebate, Discount, Refunds, Product Combinations, Quantity Gift, Instant Draws and Assigned Gift, Lucky Draw, Usable Benefit, Full Finance @ 0%, sampling, and contests.

Publicity is similar to advertising, in the sense that it is a non-personal form of communication. However, as against advertising it is a non-paid form of communication. In publicity, as the information is disseminated by an independent source. However, an important limitation of publicity is that as a medium of promotion, it is not within the control of a marketing firm.

EXERCISES

Very short answer questions

- (i) Explain the advantages of branding to marketers of goods and services.
- (ii) List the characteristics of a good brand name.
- (iii) What is the societal concept of marketing?
- (iv) List the characteristics of convenience products.
- (v) Enlist the advantages of packaging of a consumer products.

- (vi) What are the limitations of a advertising as a promotional tool? Enlist
- (vii) List five shopping products purchased by you or your family during the last few months.

Short answer question

- (i) What is marketing ? What functions does it perform in the process of exchange of goods and services? Explain.
- (ii) Distinguish between the product concept and production concept of marketing.
- (iii) Product is a bundle of utilities? Do you agree? Comment.
- (iv) What are industrial products? How are they different from consumer products? Explain.
- (v) Distinguish between convenience product and shopping product.
- (vi) 'Products is a mixture of tangible and intangible attributes'. Discuss
- (vii) Describe the functions of labeling in the marketing of products.
- (viii) Discuss the role of intermediaries in the distribution of consumer non durable products.
- (ix) Explain the factors determining choice of channels of distribution.
- (x) Explain briefly the components of physical distribution.
- (xi) Define advertising. What are its main features? Explain.
- (xii) Discuss the role of 'sales promotion' as an element of promotion mix.

Long answer type questions

- (i) Define Marketing. How is it different from selling? Discuss.
- (ii) What is the Marketing concept? How does it help in the effective marketing of goods and services.
- (iii) What is marketing mix? What are its main elements? Explain.
- (iv) How does branding help in creating product differentiation? Does it help in marketing of goods and services? Explain.
- (v) What are the factors affecting determination of the price of a product or service? Explain.
- (vi) What do you mean by 'channels of distribution'? What functions do they play in the distribution of goods and services? Explain.
- (vii) Explain the major activities involved in the physical distribution of products.

- (viii) 'Expenditure on advertising is a social waste.' Do you agree? Discuss.
- (ix) Distinguish between advertising and personal selling.

Projects/Assignment

- (i) Visit in a team of four-five students to different marketing organisations in your locality (retailers, wholesalers, distributors, etc). Find what marketing activities are undertaken by them. Do you find any difference in the activities in the organisations visited by you? What common activities are found in these organisations? Write a report.
- (ii) Collect ten advertisements appearing in newspapers, magazines, etc about recent sales promotional schemes about some consumers durable or non durable products of your choice. Also collect some promotional material about these products written on the package of these products (cartons/wrappers/bottles, etc.) and write important features of the scheme in your notebook. Make a presentation in your class about the sales promotional schemes.

Application based questions

- (i) As marketing manager of a big hotel located at an important tourist destination, what societal concerns would be faced by you and what steps would you plan to take care of these concerns? Discuss.
- (ii) Suppose you are the marketing vice president of an insurance company, planning to design a new mediclaim policy for senior citizens. What information would you like to collect to perform this task and how will you collect such information? Discuss.
- (iii) What shopping products have been purchased by you/your family in the last six months. Make a list and specify what factors influenced the purchase of each of these products.
- (iv) What information is generally placed on the package of a food product. Design a label for one of the food products of your choice.
- (v) For buyers of consumer durable products, what 'customer care services' would you plan as a manager of a firm marketing new brand of motorcycle. Discuss.

Case Problems

Nokia takes four-lane road to consumers.

NEW DELHI: After having grabbed a king-size 79% share of the Rs 15,000-crore mobile handset market in India, Nokia India has found a new way of connecting people.

The mobile handset manufacturer has embarked upon a brand new retail strategy that is based on a classification of its consumers into four major groups that separates people in terms of usage, income level and lifestyle.

The classification is based on an extensive survey – the Nokia Segmentation Study — that was carried over two years involving 42,000 consumers from 16 countries. It studied the impact lifestyle choices and attitudes have on the mobile devices consumers buy and how they use them.

The strategy, which was announced globally in June last year, is being unfolded in India now. While the nitty-gritty of the new strategy is still being worked out, it is likely that the company would follow separate marketing strategies for the four different segments. The advertising campaigns could be different for the segments.

Nokia's entire product portfolio has now been re-aligned towards these four groups to address the specific needs of each. The first of these segments Live, aimed a first time users whose basic need is to stay in touch with voice as the main driver, would have basic handsets low on features and price.

"These may be functional phones but the target group for these phones range from SEC C (low socio-economic class) to SEC A1+ (very high socio-economic class) markets," says Nokia India marketing head Devinder Kishore. The second segment Connect looks at more evolved users who look for more functionality and features and connectivity. Accordingly, phones in this segment would have GPRS, camera and music capabilities.

The next two categories, Achieve and Explore, are aimed at high-end users and have Nokia's top-end handsets. For example, Achieve segment looks at enterprise users who need to have business functionalities in their phones. Nokia's new E-series has been put under this segment with handsets having QWERTY keyboards and full Internet capabilities.

Aimed at high-end lifestyle users, Explore would be the most prominent segment for the company in the coming years. Says Nokia India multimedia business director Vineet Taneja, "This segment would see the most vibrant growth in the coming year. It will look at five different areas – applications, imaging, mobile TV, music and gaming. We are fast developing the ecosystem to support these areas."

Nokia acquired music solution and content provider LoudEye and GPS solution provider Gate5. It is all slated to launch its most high-profile handset, which boasts of having a 5 mega pixel camera and GPS capabilities apart from iPod quality music, in February.

Says Taneja, "There is increasing demand for convergence and multiple functionalities in high-end handsets. The N-series will try to address that." Nokia feels that the new platform strategy wherein different handsets are launched under a platform, like the N-Series, will become a status and style statement and drive numbers.

Source: www.economictimes.indiatimes.com

Questions

1. Identify the four market segments that Nokia plans to address as per the news report above.
2. What is the basis of classification of the market used by the company?
3. What do you mean by realignment of product portfolio? Illustrate this from the case above.
4. Identify the points that can be highlighted in marketing campaigns for each segment.
5. What are the different considerations in the mind of consumers of each segment while purchasing mobile phones as given in the above case?

CHAPTER 12

CONSUMER PROTECTION

LEARNING OBJECTIVES

After studying this chapter, you should be able to:

- state the importance of consumer protection;
- briefly explain legal framework for consumer protection in India;
- describe consumer rights in India;
- list out consumer responsibilities;
- briefly describe the ways and means of consumer protection; and
- describe the role of consumer organisations and NGOs in protecting consumers' interests.

MAHARASHTRA CONSUMER COMMISSION SLAPS FINE OF RS ONE LAKH ON COCA COLA

The Maharashtra State Consumer Commission has asked Coca Cola, one of the international fizzy drinks manufacturer, its bottler and distributor to pay Rs one lakh in damages to a consumer who found impurities in a bottle of soft drink that he had bought.

Chandrashekhar Paradkar, a resident of Shankar Nagar area here, filed a complaint with the Nagpur district Consumer Grievances Forum seeking compensation of Rupees four lakh after he found some solid objects inside a sealed bottle of a soft drink. He had bought six various brands of the soft drink — two bottles each of Mazaa, Coca Cola and Sprite from a shop near his house.

Based on that, the District Forum earlier gave a ruling after finding Coca Cola, its bottlers Superior Drinks Pvt. Ltd. and distributors Balaji Sales guilty of supplying drinks unfit for human consumption, which was upheld by the State Consumer Commission.

The District Forum had found objects resembling pieces of mosquito repellent mats floating inside the sealed bottle. Having conducted the tests by a Public Health Laboratory, they found the drink unfit for human consumption.

The District Forum came down heavily on the company saying

multinational giants would not be allowed to have a free run and exploit a poor country like India by manufacturing and marketing sub-standard products.

While giving its ruling, the District Forum relied upon the historic Donald versus Stevenson case, wherein heavy compensation had been awarded to a consumer, who had found rusted nails inside a bottle of ginger beer.

Source: <http://www.indlaw.com/guest/news>

The above case is just one of the examples of the many problems that consumers might have to face in the purchase, use and consumption of goods and services. The case also highlights the need for an appropriate legal protection to be provided to consumers to protect them from various forms of exploitation from the seller. Have you ever thought what would be the plight of consumers if adequate protection is not provided to them? Can the present day businesses afford to ignore the interests of consumers? The area of consumer protection has emerged as a very important area of study having significance for both the consumers and businesses alike.

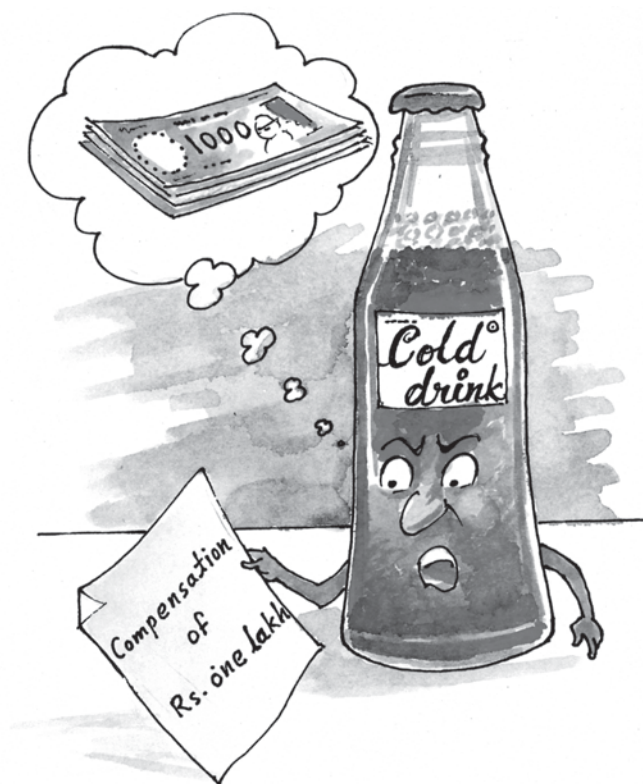
INTRODUCTION

A consumer is said to be a king in a free market economy. The earlier approach of *caveat emptor*, which means “Let the buyer beware”, has now been changed to *caveat venditor* (“Let the seller beware”). However, with growing competition and in an attempt to increase their sales and market share, manufacturers and service-providers may be tempted to engage

in unscrupulous, exploitative and unfair trade practices like defective and unsafe products, adulteration, false and misleading advertising, hoarding, black-marketing etc. This means that a consumer might be exposed to risks due to unsafe products, might suffer from bad health due to adulterated food products, might be cheated because of misleading advertisements or sale of spurious products, might have to pay a higher price when sellers engage in overpricing, hoarding or black-marketing etc. Thus, there is a need for providing adequate protection to consumers against such practices of the sellers. Let us now discuss the importance of consumer protection.

IMPORTANCE OF CONSUMER PROTECTION

Consumer Protection has a wide agenda. It not only includes educating consumers about their rights and responsibilities, but also helps in getting their grievances redressed. It not only requires a judicial machinery for protecting the interests of consumers but also requires the consumers to get together and form



Compensation for impurities in cold drinks

themselves into consumer associations for protection and promotion of their interests. At the same time, consumer protection has a special significance for businesses too.

From Consumers' point of view

The importance of consumer protection from the consumers' point of view can be understood from the following points:

(i) Consumer Ignorance: In the light of widespread ignorance of consumers about their rights and reliefs available to them, it becomes

necessary to educate them about the same so as to achieve consumer awareness.

(ii) Unorganised Consumers: Consumers need to be organised in the form of consumer organisations which would take care of their interests. Though, in India, we do have consumer organisations which are working in this direction, adequate protection is required to be given to consumers till these organisations become powerful enough to protect and promote the interests of consumers.

(iii) Widespread Exploitation of Consumers: Consumers might be

exploited by unscrupulous, exploitative and unfair trade practices like defective and unsafe products, adulteration, false and misleading advertising, hoarding, black-marketing etc. Consumers need protection against such malpractices of the sellers.

From the point of view of Business

A business must also lay emphasis on protecting the consumers and adequately satisfying them. This is important because of the following reasons:

(i) Long-term Interest of Business: Enlightened businesses realise that it is in their long-term interest to satisfy their customers. Satisfied customers not only lead to repeat sales but also provide good feedback to prospective customers and thus, help in increasing the customer-base of business. Thus, business firms should aim at long-term profit maximisation through customer satisfaction.

(ii) Business uses Society's Resources: Business organisations use resources which belong to the society. They, thus, have a responsibility to supply such products and render such services which are in public interest and would not impair public confidence in them.

(iii) Social Responsibility: A business has social responsibilities towards various interest groups. Business organisations make money by selling goods and providing services to consumers. Thus, consumers form an important group among the many

stakeholders of business and like other stakeholders, their interest has to be well taken care of.

(iv) Moral Justification: It is the moral duty of any business to take care of consumer's interest and avoid any form of their exploitation. Thus, a business must avoid unscrupulous, exploitative and unfair trade practices like defective and unsafe products, adulteration, false and misleading advertising, hoarding, black marketing etc.

(v) Government Intervention: A business engaging in any form of exploitative trade practices would invite government intervention or action. This can impair and tarnish the image of the company. Thus, it is advisable that business organisations voluntarily resort to such practices where the customers' needs and interests will well be taken care of.

In view of the above, the government of India has enacted several regulations designed to provide adequate protection to consumers. We shall now discuss some of these regulations.

LEGAL PROTECTION TO CONSUMERS

The Indian legal framework consists of a number of regulations which provide protection to consumers. As per the Right to Information Act 2005, Section 4, all relevant information is required to be made available to all citizens of the country. Other regulations are as under.

1. The Consumer Protection Act, 1986: The Consumer Protection Act,



Protection against malpractices and exploitation

1986 seeks to protect and promote the interests of consumers. The Act provides safeguards to consumers against defective goods, deficient services, unfair trade practices, and other forms of their exploitation. The Act provides for the setting up of a three-tier machinery, consisting of District Forums, State Commissions and the National Commission. It also provides for the formation of consumer protection councils in every District and State, and at the apex level.

2. The Indian Contract Act, 1872: The Act lays down the conditions in which the promises made by parties to a contract will be binding on each other.

The Act also specifies the remedies available to parties in case of breach of contract.

3. The Sale of Goods Act, 1930: The Act provides some safeguards and reliefs to the buyers of the goods in case the goods purchased do not comply with express or implied conditions or warranties.

4. The Essential Commodities Act, 1955: The Act aims at controlling production, supply and distribution of essential commodities, checking inflationary trend in their prices and ensuring equal distribution of essential commodities. The Act also provides for action against anti-social activities of

profiteers, hoarders and black-marketers.

5. The Agricultural Produce (Grading and Marking) Act, 1937: The Act prescribes grade standards for agricultural commodities and live-stock products. The Act stipulates the conditions which govern the use of standards and lays down the procedure for grading, marking and packing of agricultural produce. The quality mark provided under the Act is known as AGMARK, an acronym for Agricultural Marketing.

6. The Prevention of Food Adulteration Act, 1954: The Act aims to check adulteration of food articles and ensure their purity so as to maintain public health.

7. The Standards of Weights and Measures Act, 1976: The provisions of this Act are applicable in case of those goods which are sold or distributed by weight, measure or number. It provides protection to consumers against the malpractice of under-weight or under-measure.

8. The Trade Marks Act, 1999: This Act has repealed and replaced the Trade and Merchandise Marks Act, 1958. The Act prevents the use of fraudulent marks on products and thus, provides protection to the consumers against such products.

9. The Competition Act, 2002: This Act has repealed and replaced the Monopolies and Restrictive Trade Practices Act, 1969. The Act provides protection to the consumers in case of practices adopted by business firms

which hamper competition in the market.

10. The Bureau of Indian Standards Act, 1986: The Bureau of Indian Standards has been set up under the Act. The Bureau has two major activities: formulation of quality standards for goods and their certification through the BIS certification scheme. Manufacturers are permitted to use the ISI mark on their products only after ensuring that the goods conform to the prescribed quality standards. The Bureau has also setup a grievance cell where consumers can make a complaint about the quality of products carrying the ISI mark.

The most important of these regulations is the Consumer Protection Act which provides for six consumer rights and helps consumers in getting their grievances redressed for any shortcoming in the goods purchased or services availed.

THE CONSUMER PROTECTION ACT, 1986

The Consumer Protection Act (CPA) seeks to protect and promote the consumers' interest through speedy and inexpensive redressal of their grievances.

The scope of the Act is very wide. It is applicable to all types of undertakings, big and small, whether in the private or public sector, or in the co-operative sector, whether a manufacturer or a trader, and whether supplying goods or providing services.

The Act confers certain rights to consumers with a view to empowering them and to protect their interests.

CONSUMER RIGHTS

The Consumer Protection Act provides for six rights of consumers. The consumer protection councils set up under the Act are intended to promote and protect the various rights of consumers. These rights include the following:

1. Right to Safety: The consumer has a right to be protected against goods and services which are hazardous to life and health. For instance, electrical appliances which are manufactured with substandard products or do not conform to the safety norms might cause serious injury. Thus, consumers are educated that they should use electrical appliances which are ISI marked as this would be an assurance of such products meeting quality specifications.

2. Right to be Informed: The consumer has a right to have complete information about the product he intends to buy including its ingredients, date of manufacture, price, quantity, directions for use, etc. It is because of this reason that the legal framework in India requires the manufactures to provide such information on the package and label of the product.

3. Right to Choose: The consumer has the freedom to choose from a variety of products at competitive prices. This implies that the marketers

should offer a wide variety of products in terms of quality, brand, prices, size, etc. and allow the consumer to make a choice from amongst these.

4. Right to be Heard: The consumer has a right to file a complaint and to be heard in case of dissatisfaction with a good or a service. It is because of this reason that many enlightened business firms have set up their own consumer service and grievance cells. Many consumer organisations are also working towards this direction and helping consumers in redressal of their grievances.

5. Right to seek Redressal: The consumer has a right to get relief in case the product or service falls short of his expectations. The Consumer Protection Act provides a number of reliefs to the consumers including replacement of the product, removal of defect in the product, compensation paid for any loss or injury suffered by the consumer, etc.

6. Right to Consumer Education: The consumer has a right to acquire knowledge and to be a well informed consumer throughout life. He should be aware about his rights and the reliefs available to him in case of a product or service falling short of his expectations. Many consumer organisations and some enlightened businesses are taking an active part in educating consumers in this respect.

The Consumer Protection Act by conferring these rights on the consumers empowers them to fight against any unscrupulous, exploitative

Eatery fined for Overpricing Bottled Water

A restaurant owner in east Delhi has been directed to pay a fine of Rs. 5,000 to a customer who was asked to shell out Rs. 34 for a water bottle which had a maximum retail price (MRP) of Rs.12. The fine comes at a time when consumer courts are turning the heat on shop-owners who overcharge. In a recent landmark decision, the state consumer commission had slapped a fine of Rs. 50,000 on a cineplex for similar malpractice. Goel was awarded the compensation by east district consumer forum president and members directing Zaika Bazaar, Karkardooma Complex, to compensate Goel for overcharging. The Forum said: "The present complaint is covered by the judgment of the state consumer commission in case of Nirulas vs Ankit Jain in which it said no trader or service provider can charge more price than an item's MRP printed on the packed item, if delivered packed". Ordering the restaurant owner to discontinue the malpractice, the forum said charging higher amount than MRP, if delivered in packed form, was against the law of the land. Goel had bought a bottle of Aquafina water from the restaurant in November last year and was asked to pay Rs.34 for it, including a VAT of Rs. 4, when the bottle had a MRP of Rs.12 printed on it.

Source: www.corecentre.org

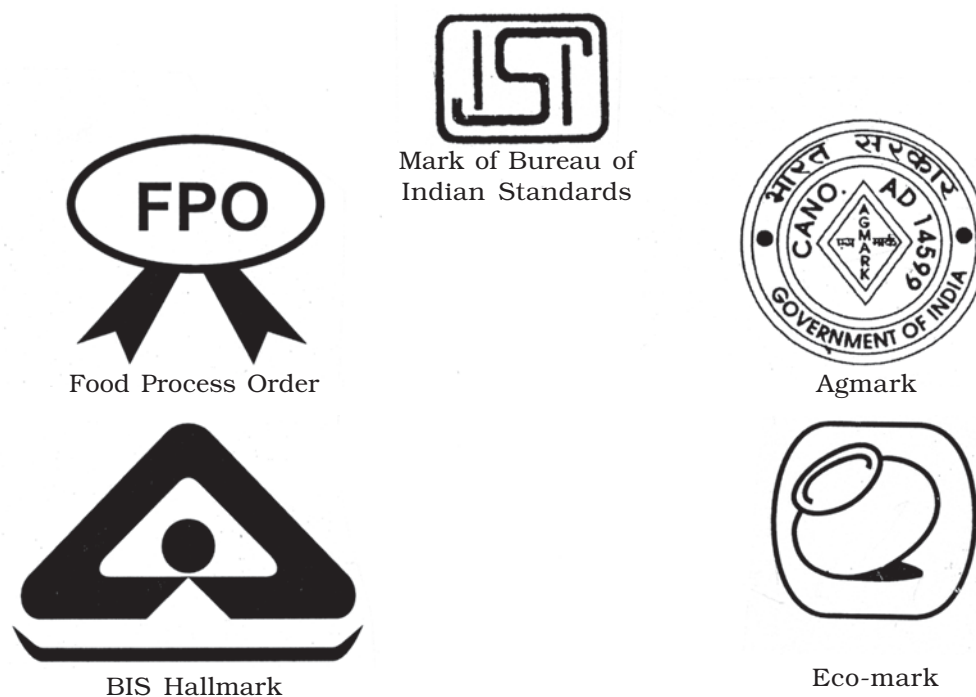
and unfair trade practices adopted by sellers. The Box on East Delhi eatery shows how a restaurant owner was fined for overpricing bottled water.

Consumer rights, by themselves, cannot be effective in achieving the objective of consumer protection. Consumer protection can, in effect, be achieved only when the consumers also understand their responsibilities.

CONSUMER RESPONSIBILITIES

A consumer should keep in mind the following responsibilities while purchasing, using and consuming goods and services.

- (i) Be aware about various goods and services available in the market so that an intelligent and wise choice can be made.
- (ii) Buy only standardised goods as they provide quality assurance.
- (iii) Learn about the risks associated with products and services, follow manufacturer's instructions and use the products safely.
- (iv) Read labels carefully so as to have information about prices, net weight, manufacturing and expiry dates, etc.
- (v) Assert yourself to ensure that you get a fair deal.
- (vi) Be honest in your dealings. Choose only from legal goods and services and discourage unscrupulous practices like black-marketing, hoarding etc.
- (vii) Ask for a cash memo on purchase of goods or services. This would serve as a proof of the purchase made.



Marks indicating quality in different products

- (viii) File a complaint in an appropriate consumer forum in case of a shortcoming in the quality of goods purchased or services availed. Do not fail to take an action even when the amount involved is small.
- (ix) Form consumer societies which would play an active part in educating consumers and safeguarding their interests.
- (x) Respect the environment. Avoid waste, littering and contributing to pollution.

A consumers' awareness about his rights and responsibilities is just one of the ways in which the objective of consumer protection can be achieved.

There are other ways in which this objective may be achieved.

WAYS AND MEANS OF CONSUMER PROTECTION

There are various ways in which the objective of consumer protection can be achieved.

1. Self Regulation by Business: Enlightened business firms realise that it is in their long-term interest to serve the customers well. Socially responsible firms follow ethical standards and practices in dealing with their customers. Many firms have set up their customer service and grievance cells to redress the problems and grievances of their consumers.

2. Business Associations: The associations of trade, commerce and business like Federation of Indian Chambers of Commerce of India (FICCI) and Confederation of Indian Industries (CII) have laid down their code of conduct which lay down for their members the guidelines in their dealings with the customers.

3. Consumer Awareness: A consumer, who is well-informed about his rights and the reliefs available to him, would be in a position to raise his voice against any unfair trade practices or unscrupulous exploitation. In addition to this, an understanding of his responsibilities

would also enable a consumer to safeguard his interests. In this regard, the Department of Consumer Affairs, GOI, has been undertaking the campaign, *Jago Grahak Jago* through multimedia awareness.

4. Consumer Organisations: Consumer organisations play an important role in educating consumers about their rights and providing protection to them. These organisations can force business firms to avoid malpractices and exploitation of consumers.

5. Government: The government can protect the interests of the consumers by enacting various measures. For



Consumer Awareness

example, the GOI has set up a toll-free national consumer Helpline Number 1800114000 (9:30 am – 5:30 pm) for this purpose. The legal framework in India encompasses various legislations which provide protection to consumers. The most important of these regulations is the Consumer Protection Act, 1986. The Act provides for a three-tier machinery at the district, state and national levels for redressal of consumer grievances. The redressal mechanism under this three-tier machinery has been explained hereunder.

REDRESSAL AGENCIES UNDER THE CONSUMER PROTECTION ACT

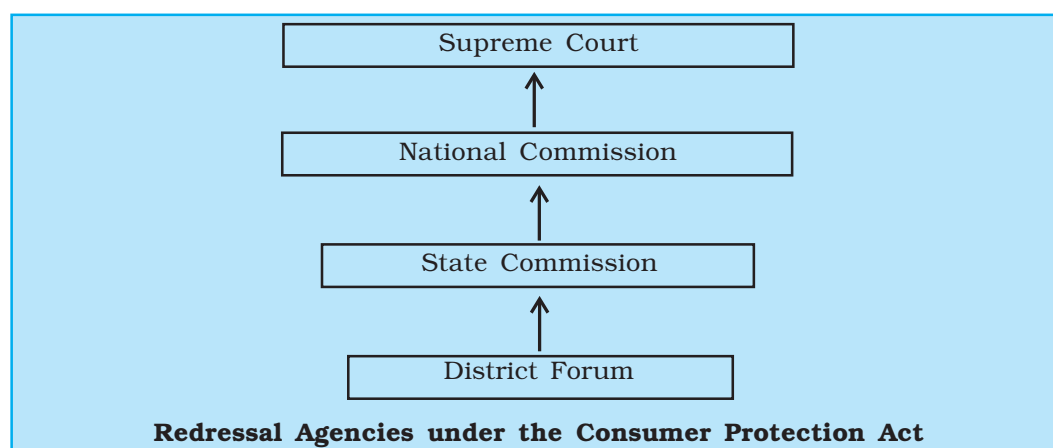
For the redressal of consumer grievances, the Consumer Protection Act provides for setting up of a three-tier enforcement machinery at the District, State, and the National levels, known as the District Consumer Dispute Redressal Forum, State Consumer Disputes Redressal Commission, and the National Consumer Disputes Redressal

Commission. They are briefly referred to as the 'District Forum', 'State Commission', and the 'National Commission', respectively. While the National Commission is set up by the Central Government, the State Commissions and the District Forums are set up, in each State and District, respectively, by the State Government concerned. The Figure on redressal agencies shows the hierarchical structure of this three-tier machinery.

Before studying the set-up and functioning of these redressal agencies let see how the Consumer Protection Act defines a consumer and who can file a complaint under the Consumer Protection Act.

Consumer: A 'consumer' is generally understood as a person who uses or consumes goods or avails of any service. Under the Consumer Protection Act, a consumer is defined as:

- (a) Any person who buys any goods for a consideration, which has been paid or promised, or partly paid and partly promised, or under any



scheme of deferred payment. It includes any user of such goods, when such use is made with the approval of the buyer, but does not include a person who obtains goods for re-sale or any commercial purpose.

- (b) Any person who hires or avails of any service, for a consideration which has been paid or promised, or partly paid and partly promised, or under any system of deferred payment. It includes any beneficiary of services when such services are availed of with the approval of the person concerned, but does not include a person who avails of such services for any commercial purpose.

Who can file a complaint?: A complaint before the appropriate consumer forum can be made by:

- (i) Any consumer can file a complaint on his/her own and does not need the services of advocate/professionals;
- (ii) Any registered consumers' association;
- (iii) The Central Government or any State Government;
- (iv) One or more consumers, on behalf of numerous consumers having the same interest; and
- (v) A legal heir or representative of a deceased consumer.
- (vi) A complaint under Section 2 (b) of the Consumer Protection Act 1986.

Let us now see how the consumer grievances are redressed by the three-tier machinery under the Consumer Protection Act.

1. District Forum: There are 644 district commissions in India. The District Forum consists of a President and two other members, one of whom should be a woman. They all are appointed by the State Government concerned. A complaint can be made to the appropriate District Forum when the value of the goods or services in question, along with the compensation claimed, does not exceed Rs. 20 lakhs. On receiving the complaint, the District Forum shall refer the complaint to the party against whom the complaint is filed. If required, the goods or a sample thereof, shall be sent for testing in a laboratory. The District Forum shall pass an order after considering the test report from the laboratory and hearing to the party against whom the complaint is filed. In case the aggrieved party is not satisfied with the order of the District Forum, he can appeal before the State Commission within 30 days of the passing of the order.

2. State Commission: There are 365 State Commissions in India. Each State Commission consists of a President and not less than two other members, one of whom should be a woman. They are appointed by the State Government concerned. A complaint can be made to the appropriate State Commission when the value of the goods or services in question, along with the compensation claimed, exceeds Rs. 20 lakhs but does not exceed Rs. 1 crore. The appeals against the orders of a District Forum can also be filed before the State Commission. On receiving the complaint, the State Commission shall

refer the complaint to the party against whom the complaint is filed. If required, the goods or a sample thereof, shall be sent for testing in a laboratory. The State Commission shall pass an order after considering the test report from the laboratory and hearing to the party against whom the complaint is filed. In case the aggrieved party is not satisfied with the order of the State Commission, he can appeal before the National Commission within 30 days of the passing of the order.

3. National Commission: The National Commission has territorial jurisdiction over the whole country, except the state of Jammu and Kashmir. The National Commission consists of a President and at least four other members, one of whom should be a woman. They are appointed by the Central Government. A complaint can be made to the National Commission when the value of the goods or services in question, along with the compensation claimed, exceeds Rs. 1 crore. The appeals against the orders of a State Commission can also be filed before the National Commission. On receiving the complaint, the National Commission shall refer the complaint to the party against whom the complaint is filed. If required, the goods or a sample thereof, shall be sent for testing in a laboratory. The National Commission shall pass an order after considering the test report from the laboratory and hearing to the party against whom the complaint is filed.

An order passed by the National Commission in a matter of its original

jurisdiction is appealable before the Supreme Court. This means that only those appeals where the value of goods and services in question, along with the compensation claimed, exceeded Rs. 1 crore and where the aggrieved party was not satisfied with the order of the National Commission, can be taken to the Supreme Court of India. Moreover, in a case decided by the District Forum, the appeal can be filed before the State Commission and, thereafter, the order of the State Commission can be challenged before the National Commission and no further.

Relief Available

If the consumer court is satisfied about the genuineness of the complaint, it can issue one or more of the following directions to the opposite party.

- (i) To remove the defect in goods or deficiency in service.
- (ii) To replace the defective product with a new one, free from any defect.
- (iii) To refund the price paid for the product, or the charges paid for the service.
- (iv) To pay a reasonable amount of compensation for any loss or injury suffered by the consumer due to the negligence of the opposite party.
- (v) To pay punitive damages in appropriate circumstances.
- (vi) To discontinue the unfair/restrictive trade practice and not to repeat it in the future.

Some Decided Cases

Under the Consumer Protection Act, a consumer can file a complaint against the manufacturers or sellers for any defective good supplied to him or any deficient services rendered to him.

In *Jose Philip Mampillil vs. M/s Premier automobiles Ltd. & Anr*, a diesel car purchased by the appellant (consumer) was found defective. The defects in the car were not removed by the defendants (manufacturer and dealer). The Commissioner appointed by the District Forum found a large number of defects in the car. Consequently, the District Forum directed repair of car free of cost and replacement of engine. The order was upheld by the State Commission except for the direction for replacement of engine.

In the case of *Sashikant Krishnaii Dole vs. Shikshan Prasarak Mandali*, the National Commission held that failure to amount basic safeguards in the swimming pool amounts to deficiency in service. A school owned a swimming pool and offered swimming facilities to the public on payment of a fee. The school conducted winter and summer training camps to train boys in swimming and for this purpose engaged a coach. The plaintiffs enrolled their only son for learning swimming under the guidance of the coach. It was alleged that due to the negligence of the coach, the boy drowned and died. The school denied any responsibility on its part. The coach claimed that he had considerable experience in coaching young boys in swimming. When the deceased was found to have been drowned, the coach immediately took him out of the water and removed the water from his stomach and gave him artificial respiration and thereafter took him to a doctor. The doctor advised that the boy be taken to the nearest hospital where the boy died. The State Commission held the school and the coach deficient in rendering service to the deceased. On appeal, the order was upheld by the National Commission.

Adapted from: www.indiaonline.com

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| <ul style="list-style-type: none"> (vii) Not to offer hazardous goods for sale. (viii) To withdraw the hazardous goods from sale. (ix) To cease manufacture of hazardous goods and to desist from offering hazardous services. (x) To pay any amount (not less than 5% of the value of the defective goods or deficient services provided), to be credited to the Consumer Welfare Fund or any | <ul style="list-style-type: none"> other organisation/person, to be utilised in the prescribed manner. (xi) To issue corrective advertisement to neutralise the effect of a misleading advertisement. (xii) To pay adequate costs to the appropriate party. |
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Bring out some decided cases where a complaint was filed in a consumer court for defective goods and deficient services.

CERS Wins Case against Railways

In a case filed by Consumer Education and Research Society (CERS), Ahmedabad, and a senior couple, the Consumer Dispute Redressal Forum, Ahmedabad City, has held the Railways responsible for negligence and directed it to pay Rs. 2000 to the couple for its mental agony and Rs. 3000 towards cost.

Mr. Man Mohan Singh and his wife Kamlesh had bought a railway journey-cum-reservation ticket at Ahmedabad for travel from New Delhi to Kanpur Central by the Shatabdi Express on 2 December 2001. The details on the ticket, including the coach number, the date of journey, etc., were illegible. Hence, they were forced to buy another ticket for journey from New Delhi to Kanpur. They applied for a refund for the earlier ticket but, as the Forum noted, they had to suffer much for the purpose. In spite of the couple's giving the Ahmedabad residential address for sending the refund, the Railways sent it to their Delhi address. They approached CERS for help.

CERS filed a complaint against the Railways before the Consumer Dispute Redressal Forum, Ahmedabad City, under Sections 2(1)(g) and 2(1)(o) of the Consumer Protection Act, 1986. CERS claimed that the two senior citizens had to face mental harassment due to the deficiency in service by the Railways. The Railways contended, among other things, that the Forum had no territorial jurisdiction after cancellation of the ticket, the couple were no more consumers in the eye of the law, the complaint was time-barred and the Railway Claim Tribunal was the proper forum to entertain the complaint about refund.

The Forum, however, observed that the couple's difficulties amounted to the Railways' deficiency in service and ordered it to pay Rs. 2000 to the couple for the mental agony suffered by them and Rs. 3000 as cost. The Forum did not decide on the amount of refund, which it said, was "to be exclusively dealt with by the Railway Claim Tribunal".

Source: www.corecentre.org

ROLE OF CONSUMER ORGANISATIONS AND NGOS

In India, several consumer organisations and non-governmental organisations (NGOs) have been set up for the protection and promotion of consumers' interests. Non-governmental organisations are non-profit organisations which aim at promoting the welfare of people. They have a constitution of their own and are free from government interference.

Consumer organisations and NGOs perform several functions for the protection and promotion of interest of consumers. These include:

- (i) Educating the general public about consumer rights by organising training programmes, seminars and workshops.
- (ii) Publishing periodicals and other publications to impart knowledge about consumer problems, legal reporting, reliefs available and other matters of interest.

- (iii) Carrying out comparative testing of consumer products in accredited laboratories to test relative qualities of competing brands and publishing the test results for the benefit of consumers.
 - (iv) Encouraging consumers to strongly protest and take an action against unscrupulous, exploitative and unfair trade practices of sellers.
 - (v) Providing legal assistance to consumers by way of providing aid, legal advice etc. in seeking legal remedy.
 - (vi) Filing complaints in appropriate consumer courts on behalf of the consumers.
 - (vii) Taking an initiative in filing cases in consumer courts in the interest of the general public, not for any individual.
- Some of the important consumer organisations and NGOs engaged in protecting and promoting consumers' interests include the following.
- (i) Consumer Coordination Council, Delhi
 - (ii) Common Cause, Delhi
 - (iii) Voluntary Organisation in Interest of Consumer Education (VOICE), Delhi
 - (iv) Consumer Education and Research Centre (CERC), Ahmedabad
 - (v) Consumer Protection Council (CPC), Ahmedabad
 - (vi) Consumer Guidance Society of India (CGSI), Mumbai
 - (vii) Mumbai Grahak Panchayat, Mumbai
 - (viii) Karnataka Consumer Service Society, Bangalore
 - (ix) Consumers' Association, Kolkata
 - (x) Consumer Unity and Trust Society (CUTS), Jaipur

KEY TERMS

Consumer Protection	Consumer Rights	Consumer Responsibilities
Redressal of grievance	Grades	Standards

SUMMARY

Importance of Consumer Protection: From the point of consumers, consumer protection is important because consumers are ignorant, unorganised and exploited by sellers. Consumer Protection is also important for a business because (i) It is in the long-term interest of business, (ii) Business uses society's resources, (iii) It is a social responsibility of business, (iv) It has moral justification, (v) It avoids government intervention in the functioning of business.

Legal Protection to Consumers: The Indian legal framework consists of a number of legislations which provide protection to consumers. These include

(i) The Consumer Protection Act, 1986, (ii) The Indian Contract Act, 1872, (iii) The Sale of Goods Act, 1930, (iv) The Essential Commodities Act, 1955, (v) The Agricultural Produce (Grading and Marking) Act, 1937, (vi) The Prevention of Food Adulteration Act, 1954, (vii) The Standards of Weights and Measures Act, 1976, (viii) The Trade Marks Act, 1999, (ix) The Competition Act, 2002, (x) The Bureau of Indian Standards Act, 1986.

Consumer Rights: The Consumer Protection Act, 1986, provides for six consumer rights. These are: (i) Right to safety, (ii) Right to be informed, (iii) Right to choose, (iv) Right to be heard, (v) Right to seek redressal, (vi) Right to consumer education.

Consumer Responsibilities: In addition to exercising his rights, a consumer should also keep in mind his responsibilities while purchasing, using and consuming goods and services.

Ways and Means of Consumer Protection: There are various ways in which the objective of consumer protection can be achieved. These include (i) Self regulation by business, (ii) Business associations, (iii) Consumer awareness, (iv) Consumer organisations, (v) Government.

Redressal Agencies under the Consumer Protection Act: The Consumer Protection Act provides for setting up of a three-tier enforcement machinery at the District, State, and the National levels. They are referred to as the 'District Forum', 'State Commission', and the 'National Commission'. There are various reliefs available to a consumer under the Act. The appropriate consumer court may pass an order for removal of defect in goods, replace a defective product, refund the price of the product, pay compensation for the loss suffered, etc.

Consumer Organisations and NGOs: In India, several consumer organisations and non-governmental organisations (NGOs) are playing an active role in protection and promotion of consumers' interests.

EXERCISES

True or False

State whether the following statements are true or false.

- (i) Consumer protection has a moral justification for business.
- (ii) In addition to rights, a consumer also has some responsibilities.
- (iii) A complaint can be made to a District Forum when the value of the goods or services in question, along with the compensation claimed, exceeds Rs. 20 lakhs.

- (iv) The Consumer Protection Act provides for six consumer rights.
- (v) ISI is the quality certification mark used in case of food products.
- (vi) Under the Consumer Protection Act, a complaint can be filed by a consumer for a defective good and also for deficiency in service.

Short answer questions

- (i) Explain the importance of consumer protection from the point of view of a business.
- (ii) Enumerate the various Acts passed by the Government of India which help in protection of consumers' interests.
- (iii) What are the responsibilities of a consumer?
- (iv) Who can file a complaint in a consumer court?
- (v) What kind of cases can be filed in a State Commission?
- (vi) Explain the role of consumer organisations and NGOs in protecting and promoting consumers' interests.

Long answer questions

- (i) Explain the rights and responsibilities of a consumer.
- (ii) What are various ways in which the objective of consumer protection can be achieved? Explain the role of consumer organisations and NGOs in this regard.
- (iii) Explain the redressal mechanism available to consumers under the Consumer Protection Act, 1986.

Application based questions

- (i) Visit a consumer organisation in your town. List down the various functions performed by it.
- (ii) Collect some newspaper cuttings of some consumer cases and the rulings given therein.

Case Problem

Now, filing complaint is just a click away. Filing a complaint in a consumer court's going to get a lot easier by the end of this year, virtually. No matter which part of the country you're in, it's going to happen at the click of a mouse.

The project, called Confonet (Computerisation and Computer Networking of Consumer Fora), is being executed on a turnkey basis by the National Informatics Centre (NIC).

“Online registration of complaints, the government hopes, will promote e-governance, transparency, efficiency and streamlining of consumer fora,” said an official in the consumer affairs ministry. Of Rs 48.64 crore set aside for the project, the government has released Rs 30.56 crore so far, the official added.

“Besides software development and testing, networking and project implementation, integration and site preparation, it will include purchase of hardware for all the 600 district fora, 35 state commissions and the National Commission,” the official said.

At present, computer systems and system software have been delivered to 25 state commissions and 300 district fora — never mind the fact that it’s sometimes a long wait before the hardware is finally unpacked and set up in some of the districts. Meanwhile, training of staff, sometimes in the classroom and sometimes through e-learning sessions, are in full swing.

“But just setting up an online complaint filing system won’t ensure a strong consumer protection movement in the country — for that we’re working on GenNext and the best way to do that is to go to schools,” the official said.

The government is, therefore, involving school children to form consumer clubs so as to involve them in various consumer welfare activities.

Part of the funding for running the club is to come from various state governments, with an equally matching grant from the Centre. However, a number of state governments are yet to sanction the fund — some of these include Uttar Pradesh, Madhya Pradesh and Kerala.

Source: www.economictimes.indiatimes.com

Questions

1. What new measures is the ministry of consumer affairs taking to make filing of complaint easy?
2. What role can you, as a student, play to contribute to the cause of consumer protection?
3. What scenario of consumer protection do you foresee when the measures proposed in the above news report are implemented?

(Teachers are advised to help students to study judgements of various consumer forums including National Consumer Disputes Redressal Commission at www.ncdrc.nic.in. This initiative will help the pupils to understand the role of consumer protection in India better. Various published material can also be used. Consumer clubs in schools can also help the students in this regard.)

CHAPTER 13

ENTREPRENEURSHIP DEVELOPMENT

LEARNING OBJECTIVES

After studying this chapter, you should be able to:

- state the meaning of the terms, 'entrepreneur,' 'entrepreneurship' and 'enterprise';
- distinguish between entrepreneurship and management and discuss the characteristics of entrepreneurship;
- explain the need for entrepreneurship;
- describe the roles and functions of the entrepreneurs;
- identify the entrepreneurial competencies;
- explain and follow the process of entrepreneurship development; and
- identify the values, attitudes and motivation for a plunge in entrepreneurship.

SEEDS OF VIRCHOW

Until 1981 Narayan Reddy, M.Sc. Organic Chemistry, had been working for a pharmaceutical company where he had developed a molecule. He was contemplating commercial utilisation of that molecule by setting up a small-scale unit – much smaller than what he actually started. Actually, he met two medicos, who had just returned from a Gulf country and were looking for some productive avenue for investment of their savings (remember the Gulf crisis?), Reddy's idea appealed to them. Thus, the willing entrepreneurs met—where there is a will there is a way—and the seeds for the venture were sown. After a detailed study of the technical, economic, commercial and financial feasibility of the idea of manufacturing a bulk drug from the molecule, 'Virchow Laboratories' was started in 1982 as a SSI with an initial investment of Rs. 28 lakhs – Rs. 8 lakh in the form of equal contribution by the three promoters and Rs. 20 lakh funding from the Andhra Pradesh State Finance Corporation (APSFC). Project implementation was even more challenging as he set out to acquire land, construct factory, purchase equipment, negotiate with suppliers, potential customers and obtain environmental, drug control and other clearances. Initially, it was he who acted as the pivot of the enterprise wheel. In the course of time, a strong managerial team was put in place and thanks to persistent emphasis on good management

practices, Virchow emerged as the world's largest and the best producer of the basic drug from the chosen molecule. In fact, web search on 'Virchow Laboratories' takes you to the home page saying "Welcome to Virchow Group of Companies", the group comprising 4 companies with Virchow Laboratories being the flagship company.

INTRODUCTION

Entrepreneurship is the process of setting up one's own business as distinct from pursuing any other economic activity, be it employment or practising some profession. The person who set-up his business is called an entrepreneur. The output of the process, that is, the business unit is called an enterprise. You may invoke 'subject-verb-object (SVO)' relationship in English grammar to clearly understand these terms. (See Figure on SVO Analogy)

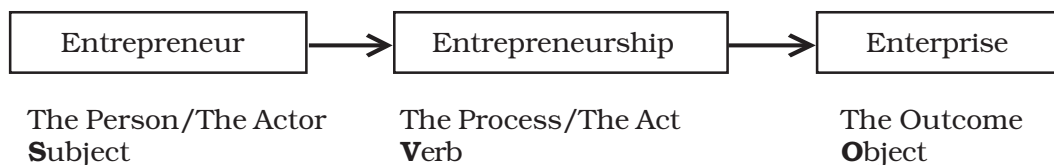
It is interesting to note that entrepreneurship besides providing self-employment to the entrepreneur is responsible to a great extent for creation and expansion of opportunities for the other two economic activities, that is, employment and profession. (Can you think why and how?) Further, each business gives rise to other businesses—the suppliers of raw materials and components, service providers (be it transport, courier, telecom, distributor middlemen and advertising firms, accounting firms and advocates etc.

And, in the process, entrepreneurship becomes crucial for overall economic development of a nation.

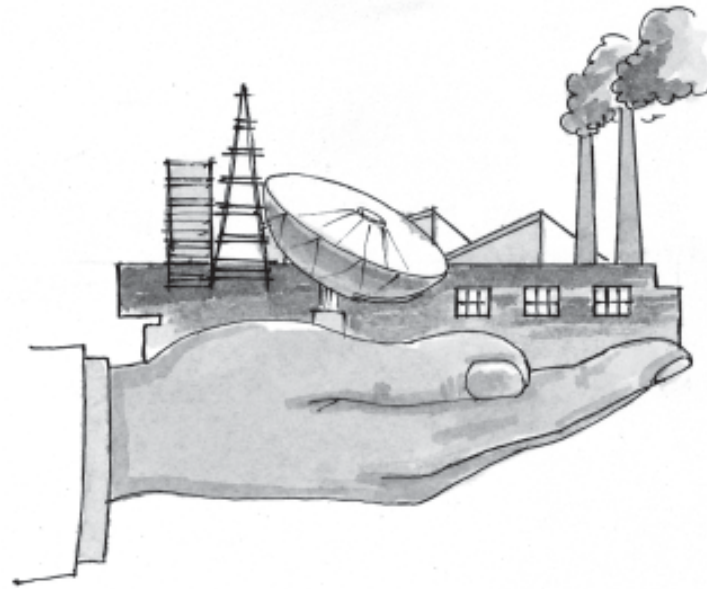
Given its important role in the overall scheme of economic development, it is interesting to note that not many persons opt for a career in entrepreneurship. Traditionally, it was believed that entrepreneurs are born.

No society can wait for the chance of 'birth' of entrepreneurs to pursue its developmental plans. In fact, plans for economic development would bear little fruit unless entrepreneurship development is regarded as a deliberate process of making people aware of entrepreneurship as a career at an early age and creating situations where they may actually make a choice to become entrepreneurs.

When you make this choice, you become a job-provider rather than a job-seeker, besides enjoying a host of other financial and psychological rewards. Taking to entrepreneurship is surely more a matter of aspiring to become an entrepreneur rather as being born as one.



SVO Analogy



Entrepreneurship: All in your Hands

THE CONCEPT OF ENTREPRENEURSHIP

You are aware that entrepreneurship is regarded as one of the four major factors of production, the other three being land, labour and capital. However, it should surprise you that as regards its French origin, the term 'entrepreneurship' (derived from the verb 'entreprendre' meaning 'to undertake') pertained not to economics but to undertaking of military expeditions. So is true of many terms in management such as strategy (a course of action to beat the competition, the 'enemy') and logistics (movement of men and machines for timely availability), etc. Historically, as wars are followed by economic reconstruction, it should be no surprise that military concepts are used in economics and management. It may be

pointed out that whereas the wars are rare and far between, in today's competitive world, entrepreneurs wage wars everyday. There is a tremendous pressure to continually develop new products, explore new markets, update technology and devise innovative ways of marketing and so on.

The term 'entrepreneur' was first introduced in economics by the early 18th century French economist Richard Cantillon. In his writings, he formally defined the entrepreneur as the "agent who buys means of production at certain prices in order to sell the produce at uncertain prices in the future". Since then a perusal of the usage of the term in economics shows that entrepreneurship implies risk/uncertainty bearing; coordination of productive resources; introduction of innovations; and the provision of capital.

We would like to define entrepreneurship as a systematic, purposeful and creative activity of identifying a need, mobilising resources and organising production with a view to delivering value to the customers, returns for the investors and profits for the self in accordance with the risks and uncertainties associated with business. This definition points to certain characteristics of entrepreneurship that we turn our attention to.

CHARACTERISTICS OF ENTREPRENEURSHIP

In the SVO formulation of the concepts of entrepreneur, entrepreneurship and enterprise, we saw that entrepreneurship is about the process of setting up a business. One cannot help but marvel at the beauty of the process: how

does one first of all decide to choose own business as a career; how does one sense a market opportunity; how does one muster up courage to embark upon it, and mobilise the requisite resources, etc.; so much so that recourse to entrepreneurship, in common parlance, is considered as an exclusive preserve of a few gifted individuals. In the following paragraphs, our effort would be to establish entrepreneurship as a career that you should aspire for. Remember, resources may be limited, aspiration need not be. So, you can aspire for something greater, bigger than your present status and resources. And start today. Remember, aspiration means desire *multiplied by* action.

1. Systematic Activity: Entrepreneurship is not a mysterious gift or



Nurturing Success

charm and something that happens by chance! It is a systematic, step-by-step and purposeful activity. It has certain temperamental, skill and other knowledge and competency requirements that can be acquired, learnt and developed, both by formal educational and vocational training as well as by observation and work experience. Such an understanding of the process of entrepreneurship is crucial for dispelling the myth that entrepreneurs are born rather than made.

2. Lawful and Purposeful Activity:

The object of entrepreneurship is lawful business. It is important to take note of this as one may try to legitimise unlawful actions as entrepreneurship on the grounds that just as entrepreneurship entails risk, so does illicit businesses. Purpose of entrepreneurship is creation of value for personal profit and social gain.

3. Innovation: From the point of view of the firm, innovation may be cost saving or revenue-enhancing. If it does both it is more than welcome. Even if it does none, it is still welcome as innovation must become a habit!

Entrepreneurship is creative in the sense that it involves creation of value. You must appreciate that in the absence of entrepreneurship 'matter' does not become a "resource." By combining the various factors of production, entrepreneurs produce goods and services that meet the needs and wants of the society. Every entrepreneurial act results in income and wealth generation. Even when innovations destroy the existing

industries, for example, xerox machines destroyed carbon paper industry, mobile telephony threatens landline/basic telephony, net gains accruing to the economy lend such entrepreneurial actions as commendable as the acts of creative destruction.

Entrepreneurship is creative also in the sense that it involves innovation- introduction of new products, discovery of new markets and sources of supply of inputs, technological breakthroughs as well as introduction of newer organisational forms for doing things better, cheaper, faster and, in the present context, in a manner that causes the least harm to the ecology/environment. It is possible that entrepreneurs in developing countries may not be pioneering/innovative in introducing path-breaking, radical innovations. They may be the first or second adopters of technologies developed elsewhere. That does not make their achievement small. For imitating technologies from developed world to the indigenous setting is quite challenging. A lady entrepreneur wanting to introduce thermal pads for industrial heating faced tremendous reluctance from the owners of chemical and sugar mills despite the established superiority of her products over the conventional heating of the vessels by burning of wood/coke or using LPG. Moreover, there is no need to suffer from "it was not invented here" complex- there is no need to reinvent the wheel. The global electronics major, Sony did not invent the transistor! It used the

transistor to build entertainment products that are world leaders.

4. Organisation of Production:

Production, implying creation of form, place, time personal utility, requires the combined utilisation of diverse factors of production, land, labour, capital and technology. Entrepreneur, in response to a perceived business opportunity mobilises these resources into a productive enterprise or firm. It may be pointed out that the entrepreneur may not be possessing any of these resources; he may just have the 'idea' that he promotes among the resource providers. In an economy with a well-developed financial system, he has to convince just the funding institutions and with the capital so arranged he may enter into contracts of supply of equipment, materials, utilities (such as water and electricity) and technology. What lies at the core of organisation of production is the knowledge about availability and location of the resources as well as the optimum way to combine them. An entrepreneur needs negotiation skills to raise these in the best interests of the enterprise. Organisation of production also involves product development and development of the market for the product. Besides, entrepreneur may be required to develop even the sources of supply of requisite inputs. For example, whether it is a matter of putting together an automobile manufacturing unit or manufacture of burger/pizza, besides cultivating a market and developing products to suit its tastes and

preferences, there would be a need to develop a pool of suppliers of the diverse components or elements that go into their manufacture.

5. Risk-taking: As the entrepreneur contracts for an assured supply of the various inputs for his project, he incurs the risk of paying them off whether or not the venture succeeds. Thus, landowner gets the contracted rent, capital providers gets the contracted interest, and the workforce gets the contracted wages and salaries. However, there is no assurance of profit to the entrepreneur.

It may be pointed out that the possibility of absolute ruin may be rare as the entrepreneur does everything within his control to de-risk the business. For example he may enter into prior contract with the customers of his production. So much so that he may just be contract manufacturer or marketer of someone else's products! What is generally implied by risk-taking is that *realised profit may be less than the expected profit*.

It is generally believed that entrepreneurs take high risks. Yes, individuals opting for a career in entrepreneurship take a bigger risk that involved in a career in employment or practice of a profession as there is no "assured" payoff. (See Box above) In practice, for example, when a person quits a job to start on his own, he tries to calculate whether he or she would be able to earn the same level of income or not. To an observer, the risk of quitting a well-entrenched and promising career seems a "high" risk,

Understanding Entrepreneurial Returns and Risks

Entrepreneurial returns are based on a mathematical expectation, $E(R_i)$ where the subscript 'i' shows that there are a number of possible rates of return from a business decision, say, 20%, 18%, 17% and 15%. Actually, there may be quite a large distribution of alternative returns from an investment decision, we have taken just 4 observations to keep it simple. Supposing all these returns are equally likely, then $E(R_i)$ would be the simple average of these returns. That is, $E(R_i) = \phi = 20+18+17+15/4 = 17.5\%$. In other words, the expected returns from the entrepreneurial decision in this case are 17.5%. Risk can be measured in terms of a measure of variation around this expectation, more precisely it is the standard deviation of the distribution of returns or σ_{Ri} . In this case it works out to be 1.8%. In other words, actual or realised returns may deviate from expected returns to the extent of 1.8%. Clearly, higher the value of standard deviation, larger the risk. It is often said that higher the risk greater the returns. What this means is as under:

- (a) for a given risk, a rational person would prefer a higher than or equal to the expected returns.
- (b) for a given return, a rational person would prefer a lower risk.
- (c) should the risk increase, there should be at least a proportional increase in returns.
- (d) because the risk runs either ways, that is, realised returns may be more or less than the expected returns, entrepreneurs who are incorrigibly optimistic, tend to believe that variation would only be one-sided, that is, on the higher side.

but what the person has taken is a calculated risk. The situation is similarly to a motorcyclist in the 'ring of death' or a trapeze artist in circus. While the spectators are in the awe of the high-risk, the artists have taken a calculated risk given their training, skills, and of course, confidence and daring. It is said that the entrepreneurs thrive on circumstances where odds favouring and against success are even, that is 50:50 situations. They are so sure of their capabilities that they convert 50% chances into 100% success. They avoid situations with higher risks as they hate failure as anyone would do; they dislike lower

risk situations as business ceases to be a game/fun! Risk as such more than a financial stake, becomes a matter of personal stake, where less than expected performance causes displeasure and distress.

The characteristics of entrepreneurship discussed as above apply in diverse contexts, so does the usage of the term, viz., Agricultural/Rural Entrepreneurship, Industrial entrepreneurship, Technopreneurship, Netpreneurship, Green/Environmental or Ecopreneurship, Intra-corporate/firm or Intrapreneurship and Social entrepreneurship. In fact, entrepreneurship has come to be regarded as a

‘type of behaviours’, whereby one, (i) rather than becoming a part of the problem, proactively tries to solve it; (ii) uses personal creativity and intellect to develop innovative solutions; (iii) thinks beyond resources presently controlled in exploiting the emerging opportunities or attending to the impending problems; (iv) has the conviction to convince others of one’s ideas and seek their commitment towards the project; and (v) has the courage of heart to withstand adversities, persist despite setbacks and be generally optimistic.

RELATIONSHIP BETWEEN ENTREPRENEURSHIP AND MANAGEMENT

Entrepreneurship is about business start-ups and renewals. That is, it appears at the time of starting a new business, disappears for some time in the course of stabilising the venture as an on-going business and reappears in case there is a need for introducing changes in product, market, technology, structure and so on. In fact, it is said that everyone is an entrepreneur when he actually ‘carries out new combinations,’ and loses that character as soon as he has built up his business, when he settles down to running it as other people run their businesses. In developed countries, the distinction between the entrepreneurial focus on start-ups and managerial focus on routine is so sharp that it is argued that once the project has reached a level of maturity, the entrepreneurs must move out and the managers must come in.

In developing countries, however, the concept of owner-manager seems more apt for entrepreneurship as the entrepreneur remains attached even to the day-to-day operations of the venture. In fact, their lacking in managerial skills is often forwarded as the cause of business failures. Just as managers are expected to play entrepreneurial roles in the times of need, likewise the entrepreneurs must also demonstrate managerial abilities for the success of their ventures. Irrespective of whether the entrepreneurs pave way for the managers or they themselves assume the managerial responsibilities, it is possible to distinguish between the terms entrepreneurship and management. (See the table on next page)

NEED FOR ENTREPRENEURSHIP

Every country, whether developed or developing, needs entrepreneurs. Whereas, a developing country needs entrepreneurs to initiate the process of development, the developed one needs entrepreneurship to sustain it. In the present Indian context, where on the one hand, employment opportunities in public sector and large-scale sector are shrinking, and on the other, vast opportunities arising from globalisation are waiting to be exploited; entrepreneurship can really take India to the heights of becoming a super economic power. (See the Box entitled ‘India Needs Entrepreneurs’)

Studies by Global Entrepreneurship Monitor, a research program involving annual assessment of the

Differences between Entrepreneurship and Management

S. No.	Basis of Differentiation	Entrepreneurship	Management
1.	Focus	Business start-up	Ongoing operations of an existing business
2.	Resource orientation	The entrepreneur does not feel constrained by resource. Entrepreneur mobilises the resources	A manager is constrained by the resources at his disposal
3.	Approach to the task	Informal	Formal
4.	Primary motivation	Achievement	Power
5.	Status vis-à-vis the enterprise	Owner	Employee
6.	Primary economic reward	Profit	Salary
7.	Innovation orientation	Challenges the <i>status quo</i> , that is, the existing	Maintains the <i>status quo</i>
8.	Risk orientation	Risk-taker	Risk-averse
9.	Approach to decision-making	Driven by inductive logic and personal courage and determination	Driven by deductive logic and research
10.	Scale of operations	Small business	Large business
11.	Primary skill requirement	Opportunity spotting, initiative, resource negotiation	Organising, systems design and operating procedures, people management
12.	Specialisation orientation	Generalist has to know and do all the trades by himself	Specialist

India needs Entrepreneurs

It needs them for two reasons: to capitalise on new opportunities and to create wealth and new jobs. A McKinsey and Company–Nasscom report estimates that India needs at least 8,000 new businesses to achieve its target of building a \$ 87 billion IT sector by 2008. Similarly, in the next 10 years, 110-130 million Indian citizens will be searching for jobs, including 80-100 million looking for their first jobs; that's seven times Australia's population. This does not include disguised unemployment of over 50% among the 230 million employed in rural India. Since traditional large employers – including the government and the old economy players – may find it difficult to sustain this level of employment in the future, it is entrepreneurs who will create these new jobs and opportunities.

Source: <http://www.uwcsea.edu>. (First published in *India Today*, February 2001)

national level of entrepreneurial activity across a number of countries (visit, www.gemconsortium.org) show that differences in the levels of entrepreneurial activity account for the differences in the level of economic growth to the extent of as much as 33%.

What is that the entrepreneurs do to affect economic development? This leads us to a discussion of the functions of the entrepreneurs in relation to economic development. As the enterprise is the object of their endeavour, it is also necessary that we examine their functions in relation to the enterprise as well.

Thus, the need for entrepreneurship arises from the functions the entrepreneurs perform in relation to the process of economic development and in relation to the business enterprise.

FUNCTIONS OF ENTREPRENEURS IN RELATION TO ECONOMIC DEVELOPMENT

You are aware that entrepreneurs “organise” the production process. In

the absence of this function, all other resources, namely land, labour and capital would remain idle. They may not be inventing/discovering the products, their role in commercial exploitation of the advancements in science and technology via organisation of the productive apparatus makes the other resources productive and useful. So much so that it is said that in the absence of entrepreneurial intervention, every plant would remain a weed and every mineral would remain a rock.

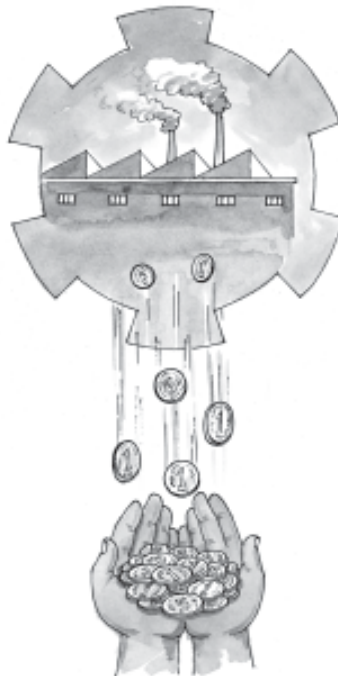
1. Contribution to GDP: Increase in the Gross Domestic Product or GDP is the most common definition of economic development. You are aware that income is generated in the process of production. So, entrepreneurs generate income via organisation of production be it agriculture, manufacturing or services.

You are also aware that income generated is distributed among the factors of production where land gets rent, labour gets wages and salaries, capital gets interest and the residual income accrues to the entrepreneur in

the form of profits. As rent and interest accrue to those few who have land and capital respectively whereas larger masses are destined to earn their incomes via wage employment, the biggest contribution of the entrepreneurship lies in capital formation and generation of employment. This is what we turn our attention to.

2. Capital Formation: The entrepreneurial decision, in effect, is an investment decision that augments the productive capacity of the economy and hence results in capital formation. In fact, GDP and capital formation are related to each other via Capital Output

Ratio (COR); more precisely Incremental Capital Output Ratio (ICOR) that measures the percentage increase in capital formation required obtaining a percentage increase in GDP. So, if a country desires to grow @ 10.0 % p.a. and its ICOR is 2.6, then it must ensure capital formation @ 26.0% p.a. Entrepreneurs, by investing their own savings and informally mobilising the savings of their friends and relatives contribute to the process of capital formation. These informal funding supplements the funds made available by the formal means of raising resources from banks, financial institutions and capital markets.



Capital Formation

3. Generation of Employment: Every new business is a source of employment to people with different abilities, skills and qualifications. As such entrepreneurship becomes a source of livelihood to those who do neither have capital to earn interest on nor have the land to earn rent. In fact, what they earn is not only a livelihood or means of sustenance but also a lifestyle for themselves and their families as well as personal job satisfaction. As such entrepreneurs touch the lives of many, directly as well as indirectly.

4. Generation of Business Opportunities for Others: Every new business creates opportunities for the suppliers of inputs (this is referred to as backward linkages) and the marketers of the output (what is referred to as forward linkages). As a pen manufacturer you would create opportunities for refill manufacturers as well as wholesalers and retailers of stationery products. These immediate linkages induce further linkages. For example greater opportunities for refill manufacturers would mean expansion of business for ink manufacturers. In general, there are greater opportunities for transporters, advertisers, and, so on. So, via a chain-reaction, entrepreneurship provides a spur to the level of economic activity.

5. Improvement in Economic Efficiency: You are aware that efficiency means to have greater output from the same input. Entrepreneurs improve economic efficiency by,

- a. Improving processes, reducing wastes, increasing yield, and,
- b. Bringing about technical progress, that is, by altering labour-capital ratios. You are aware that if labour is provided with good implements (capital), its productivity increases.

6. Increasing the Spectrum and Scope of Economic Activities:

Development does not merely mean 'more' and 'better' of the existing, it also and more crucially means diversification of economic activities—across the geographic, sectoral and technological scope.

You are aware that underdeveloped countries are caught in the vicious cycles on the demand as well as supply side. Entrepreneurs penetrate into and break these cycles, for example, by organising and orienting domestic production for exports. Thus, production (and thereby generation of income) is not constrained by the inadequacy of domestic demand. (Demand-side Vicious Cycle). In today's context, you are aware that India is poised to become a manufacturing hub for the global markets for diverse products.

Economic development is also constrained by the supply-side pressures resulting into absence of capacity to meet the demand whether domestic or overseas. Entrepreneurs mobilise local and even overseas resources to augment the productive capacity of a country. Indian Multinational Giants is fast becoming a reality.

Entrepreneurs lead the process of economic development via bringing

Small-Scale Entrepreneurship among Marginalised Groups in India

Marginalised Groups	Proportional Representation in Overall Entrepreneurship (%)
Women Entrepreneurs	8
Scheduled Caste (SC) Entrepreneurs	8
Scheduled Tribes (ST) Entrepreneurs	4
Entrepreneurs from the Other Backward Classes (OBC)	49

Source: *Third Census of Small Scale Industries in India, Ministry of Small Scale Industries, Government of India*

about sectoral change. You must be aware that as the economies grow, percentage of GDP originating from agriculture decreases and that originating in industry and services sectors goes up. Entrepreneurs through their decisions to divest from the stale sectors and invest in green-field sectors bring about a virtual transformation of the economy from 'underdeveloped' to an 'emerging' and 'developed' status.

7. Impact on Local Communities: Entrepreneurship, in its natural habitat, that is, small business is a great leveler. You may see from table on marginalised groups. That small-scale entrepreneurship enables such marginalised groups as women, SC, ST and OBC to pursue their economic dreams. As there are no entry barriers in terms of educational qualifications, entrepreneurship is an even more attractive career option for such marginalised groups.

Agro-based rural industries and craft-based cottage industries can really catapult local communities to socio-economic

success stories. Local governments do their bit in developing these entrepreneurship clusters with a view to encouraging inter-firm collaboration and development of common facilities. entitled, 'Entrepreneurship Clusters in India.'

In regard to the development of entrepreneurship for impacting local communities, some corporate-sector initiatives also deserve a mention. ITC through their 'e-Chaupal' (visit http://www.itcportal.com/agri_exports/e-choupal_new.htm) and HLL through their 'Shakti' (visit www.hllshakti.com) initiatives have sought to mobilise native entrepreneurs for improving the lot of those lying at the bottom of the economic pyramid.

8. Fostering the Spirit of Exploration, Experimentation and Daring: Economic development, among other things, requires breaking away from the shackles of traditions and beliefs that restrict growth. For example if 'crossing the seas' were a taboo, there would not have been international trade and the resultant economic growth.

Indian Small and Medium Enterprises (SME) Clusters

With a contribution of 40% to the country's industrial output and 35% to direct exports, the Small-Scale Industry (SSI) sector has achieved significant milestones for the industrial development of India. Within the SSI sector, an important role is played by the numerous clusters that have been in existence for decades and sometimes even for centuries. According to a United Nations Industrial Development Organisation (UNIDO), there are 388 SSI clusters having 4,90,000 enterprises, employing 7.5 million persons with an output of Rs. 160,000 crore p.a. The number of entrepreneurs in these clusters has been growing @ 15-18% p.a. over the last ten years. Besides, there are approximately 2000 rural and artisan based clusters in India.

Some Indian SSE clusters are so big that they account for 90 per cent of India's total production output in selected products. As for example, the knitwear cluster of Ludhiana and Hosiery cluster in Tripur in Tamil Nadu. Almost the entire Gems and Jewellery exports are from the clusters of Surat and Mumbai. Similarly, the clusters of Chennai, Agra and Kolkata are well known for leather and leather products.

However, the majority of Indian clusters, especially in the handicrafts sector, are very small with no more than hundred workers, so specialised that no other place in the world matches their skills and the quality of their output. This is the case, for example, of the Paithani sarees cluster in Maharashtra. However, only a tiny minority of such artisan clusters are globally competitive.

The formidable challenges created for the SSE sector by the liberalisation of the Indian economy, as well as its closer integration within the global economy, have generated a great deal of interest within India on novel approaches to SSE development. As a result, both private and public sector institutions at the Central as well as the State levels are increasingly undertaking cluster development initiatives.

Source: www.smallindustryindia.com

The established ways of life need to be challenged and change must be seen as an opportunity to improve rather than something to be scared of. Entrepreneurs, through their urge to do something new, seeing change as an opportunity, experimenting with the novel ideas and showing the courage to try them prepare a fertile ground for persistent economic development. Have you seen the Hindi movie 'Lagaan,' where the protagonist Bhuvan raises a

cricket team from the villagers who had not even seen the game? Don't the feats of Karasn Bhai of 'Nirma' who challenged 'Surf' from the mighty Hindustan Lever Limited make you proud of the daring of the entrepreneurs?

Thus, whether one looks at economic development narrowly in terms of the increase in GDP or in the wider context of economic, institutional and social change, entrepreneurship plays a

crucial role. Global Entrepreneurship Monitor studies report a lag of 1-2 years between entrepreneurial activity and economic development, suggesting that it takes time for the impact of entrepreneurship on economic development.

An important observation needs be made here. While entrepreneurship leads to economic development, the vice-versa is also true. That is, economic development also fosters entrepreneurship development. Growing economies provide a fertile soil for the flourishing of entrepreneurship, an aspect that we will take up while discussing entrepreneurship development.

ROLE OF ENTREPRENEURS IN RELATION TO THEIR ENTERPRISE

Drawing an analogy from musicology in explaining the role of the entrepreneurs in relation to their enterprise, one may say that an entrepreneur is not only the composer of the musical score and the conductor of orchestra but also a one man band. His roles and functions get much broader in scope in a developing country context like ours. entitled 'Role and Functions of the Entrepreneur in Relation to his/her enterprise.'

These elements are not sequential as the figure may convey, the entrepreneur may have to address to all these elements simultaneously. Yet, depending upon their backgrounds, the individual entrepreneur may prefer one over the other. For example, technicians tend to be over obsessed with the production

aspect; those with marketing background may over emphasise creation of market. Investor type entrepreneurs may be over concerned with the returns from the project. One should resist the temptation of looking at the business only from one's own narrow perspective. Having said this, it is apt that we provide a brief description of the various issues that may be relevant at each stage.

Opportunity Scouting: Entrepreneurial opportunities have to be actively searched for. One may rely on personal observation, discovery or invention. Personal/professional contacts/networks and experience or may also help in identifying business opportunities. Alternatively, one may rely on published reports, surveys and the like. Narayan Reddy of Virchow Laboratories relied on the personal discovery of the molecule during his employment with a pharmaceutical company. As observation means seeing/hearing/smelling with a purpose, opportunity spotting presupposes tendency to look at the things and phenomenon from an entrepreneurial mindset. Most of us have a consumer's mindset. If we see any object of desire, may be a pen, laptop, latest model of the mobile phone or somebody eating pizza or burger, we crave to have the same thing for ourselves. The entrepreneurial mind, on the other hand starts working out, what would be the market size, where to procure it from and at what price, will I able to woo the customers from the existing

Roles and Functions of the Entrepreneur in relation the Enterprise

Developing Exchange Relationships

1. Perceiving market opportunities
2. Gaining command over scarce resources
3. Purchasing inputs
4. Marketing of Products and responding to competition

Political Administration

5. Dealing with public bureaucracy (approvals, concessions, taxes)
6. Managing human relations within the firm
7. Managing customer and supplier relations.

Management Control

8. Managing finance
9. Managing production

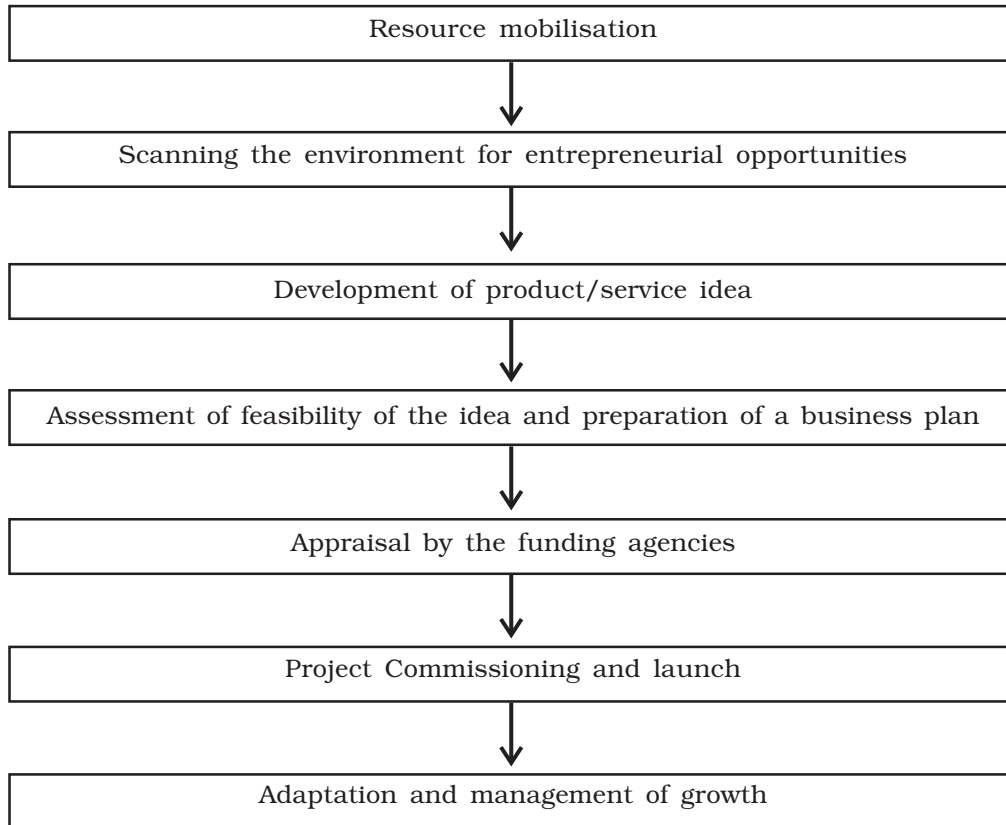
Technology

10. Acquiring and overseeing assembly of the factory
11. Industrial engineering (minimising inputs with a given production process)
12. Upgrading the production process and product quality
13. Introducing new production techniques and products.

Note: The scope of the entrepreneurial functions varies with the level of economy in which the entrepreneur operates; scale of production/operations; and entrepreneurs' comparative efficiency in utilising managerial employees. In developed countries, entrepreneurship assumes upon themselves the responsibility of introducing innovations and after some time, pave way for the managers. In large-scale organisations, entrepreneurs provide leadership and there is a team of managers to look after specific aspects of enterprise. Likewise, those entrepreneurs who have the ability and willingness to delegate may concentrate on a select few, strategic aspects of enterprise.

In terms of the process of setting up a business, therefore, an entrepreneur is on the look out for and spots the business opportunity, assesses its value, develops it in the form of a product/service idea, assembles he resources and gets going.

Source: Peter Kilby, (ed.), *Entrepreneurship and Economic Development*,? New York: The Free Press, 1971.



Process of Setting up a Business

players and how— by selling it cheaper, by providing more value or by better service and so on.

Entrepreneurial opportunities may also be identified through a process of research of international, domestic, sectoral/ industrial analysis.

For example, post WTO, international trade and investment have become freer of restrictions. Textile quotas are being phased out, and, there are greater opportunities for textile and textile made-ups from India. Global outsourcing is on the rise and India

offers a huge and varied pool of technical manpower that makes it a cost effective destination for in-bound global outsourcing in manufacturing as well as Information Technology Enabled Services (ITES).

Identification of Specific Product Offering:

While the environment scan leads to the discovery of more generalised business opportunities, there is a need to zero in on to a specific product or service idea. For example, trade liberalisation since WTOs has resulted in export opportunities, but

the question is what to export and where? You may be required to compile a country-product matrix to be able to decide. (See proforma)

This way you may arrive at the product-market combination showing the fastest growing import and from your point of view export potential.

Deciding on the product offering makes the highest demand on the entrepreneur's creativity and innovativeness. Yet, in a competitive environment, it is possible to differentiate your product offering even if the generic product is the same and serves the same need.

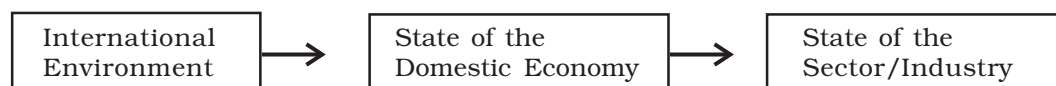
Clearly decision on specific product offering necessitates decisions on who is buying, why, and what are the value expectations. You will be able to succeed when the value delivered not only meets but also exceeds customers' expectations and create a 'Wow!' impact.

Feasibility Analysis: The product offering idea must be technically feasible, that is it should be possible with the available technology to convert the idea into a reality. And this should be possible at a cost that can be covered by the price it will fetch; in other words, the idea must be economically feasible too. The project cost should be within the resources available and the resource providers should be reasonably sure of an appropriate return on (profit) and

return of (safety and liquidity) of their investments. That is, the idea must be financially viable as well. There should be enough sales in the immediate and the prospect of growth in the foreseeable future; there should be adequate assurance on the commercial viability of the chosen product offering. Now a day, it is also important to be sure that there aren't any environmental and other legal restrictions/necessity of prior approvals for setting up the business. It is also to be decided as to whether the business will be organised as a proprietary concern/partnership firm/company or cooperative entity.

Clearly the chosen product offering must be feasible from the diverse perspectives. You must compile these findings in the form of a business plan that would have to be submitted to the funding authorities, in the Indian context, the State Finance Corporation of your area. They may be having a prescribed proforma in which the details of the business plan are required to be furnished and, as such there may a need to adapt the contents accordingly. An idea about the generic contents of a business plan may be had from.

The business plan may be appraised by the funding institution, and upon satisfying itself about the desirability of assisting your project and upon the furnishing of some margin money it may sanction the loan



IDS Analysis for Entrepreneurial Opportunities

Products	Countries																								
	A					B					C					D					E				
	Import Statistics for Immediately Preceding Years																								
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
X1																									
X2																									
X3																									
X4																									
X5																									

Proforma Country-Product Matrix

amount. Recall, Narayan Reddy and his two other associates provided Rs. 8 lakhs and the APSFC contributed Rs. 20 lakhs toward the overall project cost of Rs. 28 lakhs. Upon the project approval, the entrepreneur can proceed for project commissioning, that is putting up the factory premises, installing the equipment, obtaining the supplies of the input materials with a

view to starting the manufacture and marketing the product.

As noted earlier too, entrepreneurial functions do not come to an end with the business start-up. He often looks after its day-to-day operations and strives for its stability and growth.

Entrepreneurial roles and functions clearly seem onerous. Perhaps that is why many shy away

Need of the Customer	Generic Product	Examples of Differentiating Specific Offering
Food	Burger	<ul style="list-style-type: none"> • Size • Zero Waiting time • Dine- in/Carry Away Delivery • Add-ons e.g., Beverage/ Chips or No-frills • Choice of Fried/Grilled • Customisation of topping, choice of ingredients

Product Differentiation

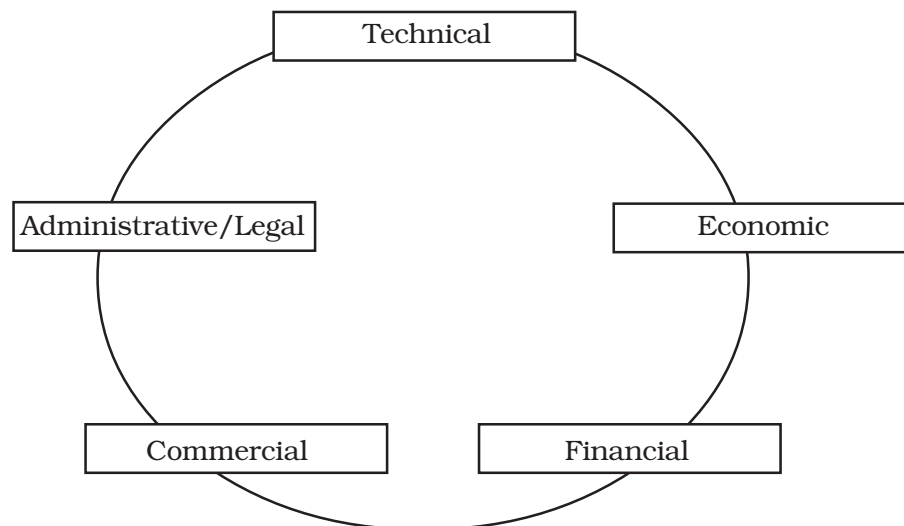
to simpler, softer and safer options of employment and practice of profession. Entrepreneurial going may be tough; but then that is where the tough get going! Do not worry if presently you may find yourself short on those competencies, values and attitudes. It is just a matter of making up your mind for a career in entrepreneurship and grooming yourselves for it. This takes us to the discussion of the process of entrepreneurship development.

THE PROCESS OF ENTREPRENEURSHIP DEVELOPMENT

Entrepreneurship does not emerge spontaneously. Rather, it is the outcome of a dynamic process of interaction between a person and his/her environment. Ultimately, the choice of entrepreneurship as a career lies

with an individual, yet he/she must see it as a desirable, as well as, a feasible option. In this regard, it becomes imperative to look at both—factors in the environment, as well as, factors in the individual's perception of desirability and feasibility.

What if, your idea is not just an Idea?
 What if, your idea sees the light of the day?
 What if, it is really born?
 What if, you get someone to believe in it and nurture it?
 What, if you set a path to travel on it?
 What if, it grows and blooms?
 What if, the world embraces your idea?
 What if, your idea develops to make the world safer, happier and prosperous for the future generations? Adapted from www.startupindia.gov.in



Aspects of Feasibility Analysis

STARTUP INDIA SCHEME

The *Startup India* Scheme is a flagship initiative of the Government of India with an objective to carve a strong ecosystem for nurturing innovation and startups in the country. This drive will lead towards sustainable economic growth and generate large-scale employment opportunities. The Government of India aims to empower startups to grow through innovation and design. The scheme specifically aims to:

1. trigger an entrepreneurial culture and inculcate entrepreneurial values in the society at large and influence the mindset of people towards entrepreneurship,
2. create awareness about the charms of being an entrepreneur and the process of entrepreneurship, especially among the youth,
3. encourage more dynamic startups by motivating educated youth, scientists and technologists to consider entrepreneurship as a lucrative, preferred and viable career, and
4. support the early phase of entrepreneurship development, including the pre-startup, nascent, as well as, early post startup phase and growth enterprises.
5. Broad base the entrepreneurial supply by meeting specific needs of under represented target groups, like women, socially and economically backward communities, scheduled castes and scheduled tribes; under represented regions to achieve inclusiveness and

sustainable development to address the needs of the population at the bottom of the pyramid.

As per the notification dated February 17, 2017, issued by the Ministry of Commerce and Industry, a startup means:

1. An entity incorporated or registered in India.
2. Not older than five years.
3. Annual turnover does not exceed Rs. 25 crore in any preceding year.
4. Working towards innovation, development or commercialisation of products/service/processes driven by technology or IPRs and patent.

STARTUP INDIA INITIATIVE: ACTION POINTS

1. **Simplification and Hand-holding:** In order to make compliance for startups, friendly and flexible, simplifications are announced.
2. **Startup India Hub:** The objective is to create a single point of contact for the entire startup ecosystem and enable knowledge exchange and access to funding.
3. **Legal support and Fasttracking Patent Examination:** The scheme for Startups Intellectual Property Protections (SIPP) is envisaged to facilitate protection of patents, trademarks and designs of innovative and interested startups.
4. **Easy Exit:** In the event of a business failure and wind up of operations, procedures are being adopted to reallocate capital and resources towards more productive

avenues. This will promote experimentation with new and innovative ideas, without fearing complex and long drawn exit process.

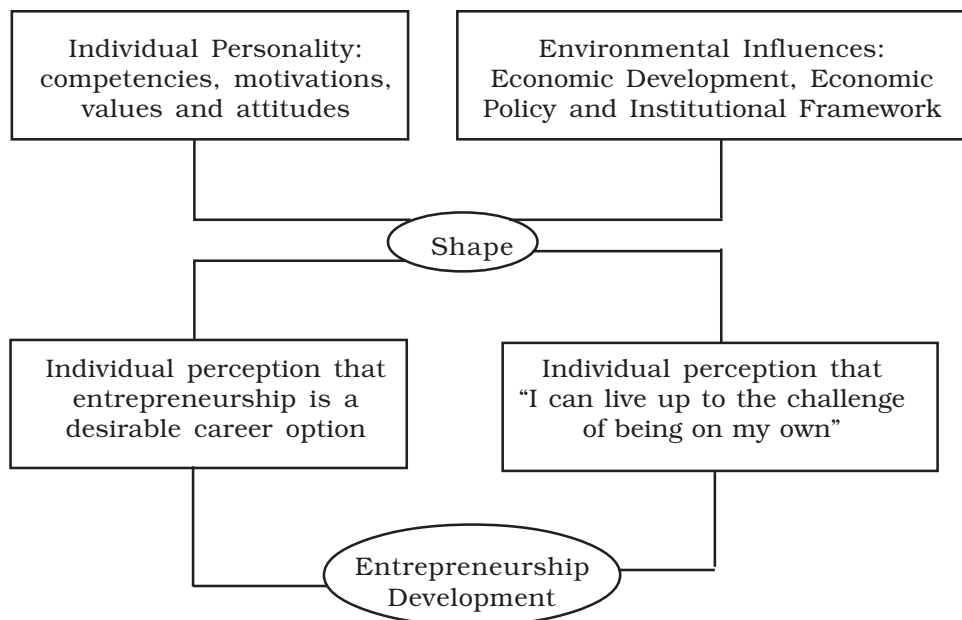
5. Harnessing private sector for incubator setup: To ensure professional management of government sponsored/funded incubators, the government envisages setting up of incubators across the country in PPP mode.

6. Tax exemption: The profits of startup initiatives are exempted for income tax for a period of three years.

Ways to fund startup

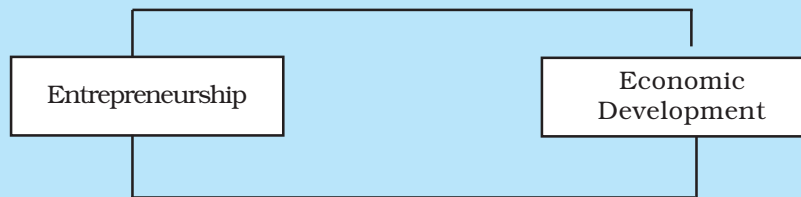
In addition to the government plans that offer startup capital and bank loans, the funding for startups can also be availed in the following ways:

1. **Boot Strapping:** Commonly known as self financing, it is considered as the first funding option because by stretching out your personal savings and resources, you are tied to your business. Also, at a later stage, investors consider it as your merit. However, it is a good option of funding only if the initial requirement is small and handy.
2. **Crowdfunding:** It is the pooling of resources by a group of people for a common goal. Crowdfunding is not new to India. There are many instances of organisations reaching out to common people for funding. However, the emergence of platforms that promote crowdfunding is fairly recent to India. These platforms help startups or small businesses to meet their funding requirements.



The Role of Environment in Entrepreneurship Development

Entrepreneurs bring about economic growth and development, and the latter in turn provides a fertile soil for the flourishing of entrepreneurship. There certainly is a mutually facilitating reciprocity between economic growth and entrepreneurship development.



3. **Angel Investment:** Angel investors are individuals with surplus cash who have keen interest to invest in upcoming startups. They also offer mentoring or advice alongside capital.
4. **Venture capital:** There are professionally managed funds which are invested in companies that have huge potential. Venture capitalists provide expertise, mentorship and act as a litmus test of where a business organisation is going, evaluating business from sustainability and scalability point of view.
5. **Business Incubators and Accelerators:** Early stage business can consider incubator and accelerator programmes as a funding option. These programmes assist hundreds of startup businesses every year. These two are generally used interchangeably. However, incubator is like a parent who nurtures the business (child), whereas, accelerator helps to run or take a giant leap in business. Incubators and accelerators ably connect the startups with mentors, investors and fellow startups using this platform.
6. **Microfinance and NBFCs:** Micro finance is basically access to financial services to those who either do not have access to conventional banking services or have not qualified for a bank loan. Similarly, NBFCs (Non Banking Financial Corporation) provides banking services without meeting legal requirement/definition of a bank.

INTELLECTUAL PROPERTY RIGHTS (IPR)

Over the past two decades, intellectual property rights have grown to a stature from where it plays a major role in the development of global economy. Intellectual property is everywhere, i.e., the music you listen to, the technology that makes your phone work, the design of your favourite car, the logo on your sneakers, etc. It exists in all the things

you can see — all are the products of human creativity and skill, such as inventions, books, paintings, songs, symbols, names, images, or designs used in business, etc.

All inventions of creations begin with an 'idea'. Once the idea becomes an actual product, i.e., Intellectual Property, one can apply to the authority

concerned under the Government of India for protection. Legal rights conferred on such products are called 'Intellectual Property Rights' (IPR). Hence Intellectual property (IP) refers to products of human mind, hence, just like other types of property, the owners of IP can rent, give or sell it to other people.

Patent and copyright — Success Story

1. Michael Jackson and two co-inventors patented a pair of shoes that could hitch into a device hidden beneath the stage. It was titled 'Method and means for creating anti-gravity illusion', and helped achieve the effect in the song 'Smooth Criminal'.

Source: MentalFloss

2. When J.K. Rowling wrote the first Harry Potter book, she was poor but she owned the copyright in her book. So, she was the only person allowed to make copies of the book and sell them. Of course, she didn't do this herself. She gave permission to a publishing company to do it in return for payment. But she didn't just own copyright in the words, she owned copyright in the story and the characters. So, her copyright also meant she was the only person with the right to produce and sell a film of her story. Again, she didn't do this herself. She gave permission of a film production company to make and sell the film in return for payment. Without copyright, anyone else could have printed copies of the book as soon as it was published. And anyone could have copied the film or shown it in cinemas. Those people could have made money from the story without the author benefiting.

Source: Your Own World of IP – world Intellectual Property Organisation

Specifically, Intellectual property (IP) refers to the creations of the human mind, like inventions, literary and artistic works, symbols, names, images and designs used in business. Intellectual property is divided into two broad categories: industrial property, which includes inventions (patents), trademarks, industrial designs and geographical indications, while the other is copyrights, which includes literary and artistic works, such as novels,

poems, plays, films, musical works, artistic works, such as drawings, paintings, photographs and sculptures and architectural designs.

The most noticeable difference between intellectual property and other forms of property is that intellectual property is intangible i.e., it cannot be defined or identified by its own physical parameters. The scope and definition of intellectual property is constantly evolving with the inclusion of newer

forms. In recent times, geographical indications, protection of plant varieties, protection of semi-conductors and integrated circuits and undisclosed information have been brought under the umbrella of intellectual property.

Geographical Indication: Social and Economic Impact

Geographical Indications (GI) are part of our collective and intellectual heritage that need to be protected and promoted. Goods protected and registered as GI are categorised into agricultural products, handicrafts, manufactured goods and textiles. Darjeeling tea, Basoli paintings of Kangra, Nagpur orange, Banaras Brocades and Sarees, and Kashmir Pashmina are some of the examples of GIs. Most of the GI products are created by rural communities, and therefore, supplement the incomes of our rural artisans, weavers, craftsmen and farmers. Marketing of GIs helps in creating a supply chain around the product, which in turn, offers an increased price for the respective GI product. It not only preserves traditional practices on which the product is based, but also promotes entrepreneurship and tourism in the place of origin of the product. Darjeeling tea was the first Indian product to get GI protection in 2004. There are 87 tea gardens in Darjeeling district of West Bengal that grow 10 million kg of tea every year. European Union accounts for 60 per cent of exports of Darjeeling tea.

WHY IS IPR IMPORTANT?

- i. It encourages creation of new, path-breaking inventions, such as cancer cure medicines.
- ii. It incentivises inventors, authors, creators, etc., for their work.
- iii. It allows the work created by a person to be distributed and communicated to the public only with his/her permission. Therefore, it helps in the prevention of loss of income.
- iv. It helps authors, creators, developers and owners to get recognition for their works.

With the establishment of the World Trade Organisation (WTO), the importance and role of intellectual

property protection has been crystallised in the Trade-Related Intellectual Property Systems (TRIPS) Agreement. With the establishment of WTO, and India being a signatory to the agreement on TRIPS, several legislations were passed for the protection of intellectual property rights to meet the international obligations. These included Trade Mark Act 1999, the Geographical Indications of Goods (Registration and Protection) Act 1999, Designs Act 2000 and Protection of Plant Varieties and Farmers' Rights Act 2001, the Patents Act 2005 and the Copyright (Amendment) Act 2012.

The following table provides a detailed information about these Acts enacted in India.

Types of IPR	Type of Human Creation	Law	Main requirements	Duration of Protection
Patent	<p>Inventions</p> <ul style="list-style-type: none"> • A product or process that is new and inventive and can be made or used in an industry. • Whoever holds the patent is allowed to decide who can make, use, offer to sell, sell, or import their invention. • One product may be covered by lots of different patents. 	The Patent Act, 1970	Product or process that is new, has an inventive step and industrial applicability.	Twenty years from the filing date, subject to payment of annual renewal fee. No extension beyond 20 years.
Design	Aesthetics or look and feel of a product. Eye-catching features that are non-functional.	The Designs Act, 2000	New and original features that have not been previously used.	Ten years from the filing date. Renewable for further five years (maximum protection for 15 years).
Trademark	<p>Any word, name, symbol, shape or logo that lets us identify the goods made or services offered by an individual or a company.</p> <ul style="list-style-type: none"> • Like your name is a big part of your identity, a trademark defines the identity of the goods or services it is used for. 	The Trademark Act, 1999	Unique and distinctive word, name, or symbol (or their combination)	Ten years from filing. Renewable for successive a period of 10 years.
Copyright	<p>Artistic, literary and musical works, such as books, blogs, photographs, songs, music, plays, etc.</p> <ul style="list-style-type: none"> • Next time you click a photograph, write a story or compose a 	The Copyright Act, 1975	Any original idea expressed in a tangible form regardless of the quality or purpose is eligible for protection.	Literary, dramatic, musical or artistic works — lifetime of the author until 60 years from his/her

	song, know that it is protected by 'copyright' and no one can copy it without your permission.		<ul style="list-style-type: none"> No copyright on ideas. 	death; sound recording and cinematograph films — 60 years from the year in which the recording was published.
Geographical Indication (GI)	<p>A product originating from a specific location which gives that product unique and differentiating characteristics.</p> <ul style="list-style-type: none"> GI tells you where in the world a product comes and from when and why that place is famous for that type or product. 	The Geographical Indications of Goods (Registration and Protection Act, 1999)	The qualities, characteristics, features or reputation of the product should be essentially linked to its original place of production.	Ten years. Renewable for a successive period of 10 years.

ENTREPRENEURIAL COMPETENCIES

Every opportunity and successful performance of every role and function has a competence requirement. Its true of entrepreneurship as well. entitled 'Cash OR KASH?'

The term 'competence' refers to a composite of knowledge, skills and a host of psychosocial attributes (including Attitudes and Motivation that we will be discussing separately) in a person that mark his/her effectiveness for a task. The phrase 'composite' is crucial. For example, the competence "ability to communicate vision" is much more than proficiency in writing/speaking skills. It would involve, just to illustrate, vision clarity, understanding the audience background, interest and readiness, knowledge about the media

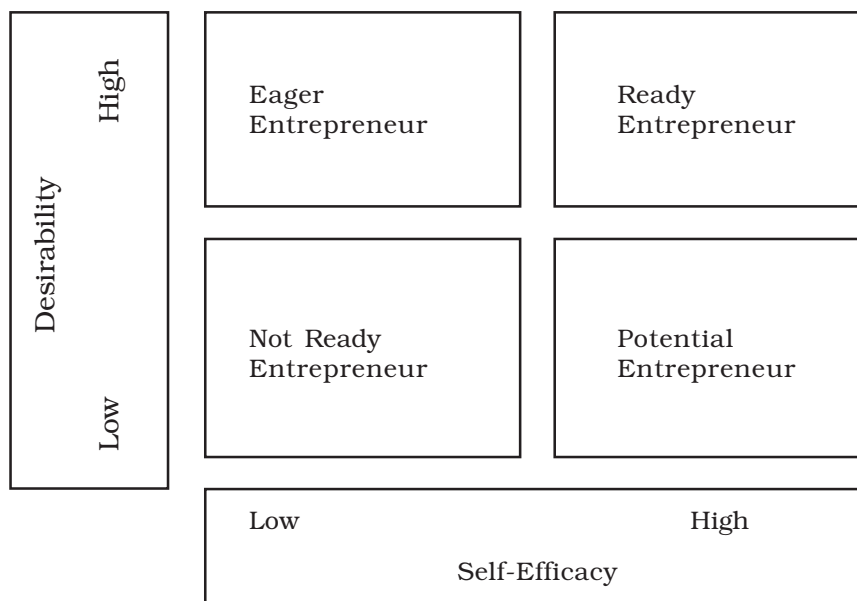
and choosing the most appropriate one, attracting attention, delivery, leaving not merely an impression but also an impact and, assessing effectiveness. So, when the entrepreneur in the television interview pointed out KASH as the determinants of successful entrepreneurship, he was indeed referring to the competencies.

Competency approach to human resource development in general and entrepreneurship development in particular was pioneered by David McClelland, a Harvard University psychologist in the late 1960's and early 1970's. (You will be learning more on McClelland's work when we discuss entrepreneurial motivation.) McClelland set out to define competency variables that could be used in predicting job performance and that were not biased

by race, gender, or socio-economic factors. As a result, it becomes more important to learn what a person does rather than who he/she is. That is why management and also entrepreneurship is better defined as what a manager or an entrepreneur does. Because

Initiative: Acting out of choice rather than compulsion, taking the lead rather than waiting for others to start.

Sees and Acts on Opportunities: A mindset where one is trained to look for business opportunities from everyday experiences. Recall 'oranges' example.



Efficacy-Desirability Matrix

competencies can be built via a process of education and development, we may say that entrepreneurs are made.

What are the distinct competencies for entrepreneurship? In this regard one may refer to the efforts of Entrepreneurship Development Institute of India (EDI), a national resource institution in the area of entrepreneurship education research and development (visit, www.ediindia.org).

EDI has identified a set of 15 competencies that contribute toward entrepreneurial performance and success. These are briefly stated hereunder.

Persistence: A 'never say die' attitude, not giving up easily, striving continuously until success is achieved.

Information seeking: Knowing and knowing who knows, consulting experts, reading relevant material and an overall openness to ideas and information.

Concern for High Quality of Work: Attention to details and observance of established standards and norms.

Commitment to Work Contract: Taking personal pains to complete a task as scheduled.

Efficiency Orientation: Concern for conservation of time, money and effort.

Systematic Planning: Breaking up the complex whole into parts, close examination of the parts and inferring about the whole; e.g. simultaneously attending to production, marketing and financial aspects (parts) of the overall business strategy (the whole).

relying on one's capabilities to successfully manage these.

Assertiveness: Conveying emphatically one's vision and convincing others of its value.

Persuasion: Eliciting support of others in the venture.

Use of Influence Strategies: Providing leadership.

Cash or KASH

"What do you need to be a business person?" was the opening question the anchor of a television interview asked an eminent business personality. "Caash" she heard and thought that her interview is going to be a spoil, for it was an answer so obvious and exhaustive that there was not anything else to talk. Or this is what she thought.

The entrepreneur saved her day, "young lady," he continued, "you seem to have got it wrong!" "What I meant was not C_a_s_h_=Cash, but K_A_S_H= KASH!"

Interview was off to a flying start! And the interviewee went on to elaborate what he meant, K=Knowledge, A=Attitude, S=Skills and H=Habits.

Problem-solving: Observing the symptoms, diagnosing and curing.

Self-confidence: Not being afraid of the risks associated with business and

Monitoring: Ensuring the progress of the venture as planned.

Concern for Employee Welfare: Believing in employee well being as the



key to competitiveness and success and initiating programmes of employee welfare.

You would, now, be interested in knowing as to how to build these competencies. Knowledge competencies (what you know regarding facts, technologies, a profession, procedures, a job, an organisation, etc.) can be developed by, for example by reading and interacting with people who know. Skill competencies (what you say or do that results in good or poor performance) can be acquired by practice, haven't you heard "practice makes a man perfect"? For example, 'persuasion,' and 'use of influence strategies' require presentation skills. You may do double the homework on what you want to say, how you want to say, who is your audience and what are their backgrounds, what could be the possible questions that may be asked, what would be their answers and so on. Practice it all over a number of times, may be before mirror or your friends, so that when you are actually in that situation, you perform well.

ENTREPRENEURIAL MOTIVATION

Men and women who have a perception of self-efficacy and are yet to feel interested in or motivated by the idea of being on their own comprise a potential, future source of entrepreneurship. What motivates a person is a question easier asked than answered. Mr. Narayan Reddy was driven by the desire to utilise his discovery of the molecule as a business

opportunity. In terms of Maslow's need hierarchy theory, one may say that Mr. Narayan Reddy was driven by the need for self-actualisation. Since entrepreneurial situation is characterised by personal accomplishment in competitive situations and involving higher standards of excellence, one often come across reference to 'need for achievement' or N-ach for short as the primary driver of entrepreneurial behaviour. See Box entitled 'How N-Ach. Drives Entrepreneurship and Economic Development'.

Need for Achievement (N-Ach.): Need for achievement implies a desire to accomplish something difficult. To master, manipulate, or organise physical objects, human beings or ideas. To do this as rapidly and as independently as possible. To overcome obstacles and attain a high standard. To excel one's self. To rival and surpass others. To increase self-regard by successful exercise of talent. Yes entrepreneurship provides you with the best opportunity for making the best use of your talents as in employment the 9-5 routine, pressure to adhere to rules and regulations, preference for compliance of boss's instructions over the use of personal creativity and innovativeness stifles your progress and self-development. You can create a work environment that suits your abilities and interests.

Need for Power (N-Pow): Need for Power is the concern for influencing people or the behaviour of others for moving in the chosen direction and attaining the envisioned objectives. In

common perception, politicians, social-religious leaders Chief Executive Officers (CEOs), Government Bureaucrats/Civil Servants typify the need for power. Such a perception seems more based on the belief that the source of power lies in the “position” a person occupies in organisational/societal context. In the same vein, business ownership too may imply a need for power. Moreover, you would appreciate that the process of founding a business, one has to win the commitment of capital providers, suppliers of equipment and materials, the employees and that of the customers. Power may not be used to further one’s self-interests alone, it may be also be used to touch the lives of others, to make a difference. Entrepreneurs driven by this socialised face of the need for power. They found organisations that are a source of sustenance and self-respect for many.

Need for Affiliation (N-Aff.): Often you must have heard your parents saying that whatever they do they do it for their children. If a man thinks about interpersonal relationships, he has a concern for affiliation. It implies, among other things a tendency of the people to conform to the wishes and norms of those whom they value. Apparently, social activists, environmentalists, teachers, and doctors and nurses may seem as predominantly driven by these needs. Entrepreneurs are believed to be low on affiliation, as they are and expected to be, innovative, trendsetters and tradition breakers. However, it is not necessary that affiliation should only interfere with achievement. In certain cultures, family comprises the bedrock on which the successful careers are built. One works, as if, not for personal gratification but for family. Desire to carry on the tradition of business in the

How N-Ach. Drives Economic and Entrepreneurship Development

Credit for investigating and bringing to the fore the role of need for achievement goes to McClelland, the Harvard professor whom we referred to also in the discussion of competency based approach to human resource and entrepreneurship development. He set out to investigate why some countries are more developed than others. He sought to find answer to this question by examining the proposition that ‘differences in the level of achievement motivation are responsible for ‘differences in the level of economic development’. For this he examined the popular stories and folklore and readers up to primary classes of 39 countries for finding out whether they focused on personal accomplishment, triumph of human courage and effort over the circumstances and so on. McClelland’s research upheld the proposition that differences in the levels of achievement motivation as revealed by the analysis of the stories and the readers accounted for the differences in the level of economic development. How? What would be the process? McClelland observed that entrepreneurship becomes the medium through which the achievement motivation manifests the best and through which the development takes off.

family and the community to which one belongs, may be interpreted as reflecting need for affiliation as well. In the countries with the colonial past, such as ours, the first generation of entrepreneurs in Independent India was driven by patriotic fervor and the desire to rebuild the economy left stagnated by the alien rulers. One can certainly trace some elements of affiliation motivation in such instances.

Need for Autonomy (N-Aut.): The need for autonomy is a desire for independence and being responsible and accountable to oneself rather than some external authority for performance. It is the desire for an opportunity for the fullest expression of one's abilities. In the context of entrepreneurship, it is usually interpreted as the determination not to work for someone else. In most job situations, employees are given little freedom to exercise their discretion in taking decisions and choosing a course of action so much so that absence of it drives them into starting their own ventures. As such n-pow. becomes more a desire for preserving one's ethos rather than the freedom from the boss. Take the example of another Hyderabad based entrepreneur entitled Entrepreneurship for Preserving Personal Work Ethos).

What does the above discussion mean for entrepreneurship development? It means that for promoting entrepreneurship it is important to kindle and arouse the right motivation. In the absence of motivation, even able men and women may not take to entrepre-

neurship. Hence. In every Entrepreneurship Awareness Programme (EAP) or Entrepreneurship Development Programme (EDP), there are special sessions on entrepreneurial motivation, besides sessions on entrepreneurial competencies.

You may note that motivation and ability can positively reinforce each other. Persons having abilities search for the avenues for their expression and hence are drawn to entrepreneurship. Persons eager to be on their own may strive hard to acquire the necessary competencies to realise their dreams. How truly one has said that entrepreneurs are the dreamers who do!

In explaining and developing entrepreneurial motivation, it is important to learn that different individuals are motivated differently, and that one may be trying to satisfy more than one need through one's pursuit. This is an important observation as economic theory very simply says that the objective of the firm or that of the entrepreneur is profit maximisation.

ENTREPRENEURIAL VALUES AND ATTITUDES

While explaining human behaviour, one often comes across the terms values and attitudes. Rather than attempting to distinguish between these two terms, it would be sufficient to say here that taken together, entrepreneurial values and attitudes refer to the behavioural choices individuals make for success in entrepreneurship. The word

'choice' is important, as there are alternative ways of behaving too. In entrepreneurship, a host of behavioural tendencies or orientations have been reported as having a bearing on success. The entrepreneur in 'Cash or KASH' labeled these as 'Habits', some researches have called these as policies or strategies. Be it the decision to make a choice about entrepreneurship as a career, be it the decision to choose the product line, growth strategy, profit making and

social responsibility you would be required to make choices. The choice that you make may have a tremendous impact on your performance. What we do here is to profile some of the dimensions relating to starting and managing a business and the associated behavioural alternatives, we have considered here *two* to keep the things simple. We have highlighted those alternatives that have been generally observed to be associated with superior performance.

Entrepreneurship for Preserving Personal Work Ethos

In industries having captive power plants, a day's downtime can cause a loss of crores of rupees. While working for a public sector electrical major, an engineer found it really difficult to cope with the bureaucratic attitude in servicing the customers. It clashed with his personal value, 'client's problems be attended first, paperwork can wait'. He quit the job and started a turbine repairing and refurbishing company. Incidentally, it takes more money to travel or to transport than to repair or refurbish the turbine. But the downtime is reduced and the clients are happy. Later the company also diversified into the manufacture of the parts and commissioning of the captive power plants on a turnkey basis.

Behavioural Choices for Entrepreneurial Success

S. No.	Dimensions	Behavioural Alternatives
1.	Type of Entrepreneurship	Choose pioneering/innovative products Choose tried and tested products
2.	Business Decision	Choose business as per qualifications/experience Grab whatever opportunity comes your way
3.	HRM: Recruitment Policy	Recruit trustworthy, dependable and obedient employees Recruit qualified and trained professionals
4.	Managing Growth: Pace	Grow only at/to manageable pace/extent Make a hay while the sun shines
5.	Organising: Ability to Delegate	Supervise closely Delegate and decentralise
6.	Marketing Management: Marketing Concept	Sell hard what you produce Produce according to customers' requirements
7.	HRM: Compensation	Reward good performance by additional increments/promotions Reward just as you please
9.	Managing Growth: Direction	Grow around core-competence Grab whatever opportunity comes your way
10.	Marketing Management: Product Planning and Development	Change the product only if absolutely necessary Innovate/improvise continually
11.	Operations Management: Locational Decision	Locate the business near social contacts Locate purely on economic merits
12.	Operations Management: Cost Rationalisation	Increase profit by negotiating hard with suppliers, workers and customers Reduce cost by cutting the overheads and improved efficiency
13.	Managing Competition	Fight the competition Avoid competition
14.	Planning: Approach to Decision-making	Scan the environment for business information Rely on intuition/judgment
15.	Organising: Formalisation	Do everything by yourself Appoint specialists and professionalise the systems
16.	Ethics	Never compromise on business ethics Everything is fair in love, war and business
17.	Succession Planning	Plan and train a successor Business will find a successor
18.	Planning: Time Horizon	Have a long term perspective Live your business day-by-day
19.	Operations Management: Research and Development	Invest in R and D R and D is an ill-affordable luxury

KEY TERMS

Entrepreneurship

Entrepreneurial Risks

Exploration

Entrepreneurial Opportunities

Enterprise

Experimentation

Rural Entrepreneurship

Entrepreneurial Competencies

SUMMARY

The terms 'entrepreneur,' 'entrepreneurship' and 'enterprise' can be understood by drawing an analogy with the structure of a sentence in English language. Entrepreneur is the person (the subject), entrepreneurship is the process (the verb) and enterprise is the creation of the person and the output of the process (the object).

Entrepreneurs play important roles both in relation to economic development and in relation to the enterprise. In relation to economic development, entrepreneurs contribute to growth in GDP, capital formation and employment generation besides creating business opportunities for others and bringing about an improvement in the quality of life in the community in which they operate. In relation to the enterprise, they perform a number of roles right from the conception of a business idea, examining its feasibility and mobilisation of resources for its eventual realisation as a business firm. They bear the uncertainties and risks associated with the business activity, introduce product, market, technological and a host of other innovations. In the developing country context they also assume the responsibility for the day-to-day management of the enterprise.

Given its critical role in economic development at a broader level and business start-ups at the micro level, it is imperative that a conscious effort be made to popularise entrepreneurship as a career option. In this regard, EAPs and EDPs can play an important role. Besides, there is a need to create an entrepreneurship friendly environment. Since, entrepreneurship is the outcome of a dynamic interaction between the person and the environment, there is need also for developing entrepreneurial competencies, motivations, values and attitudes.

EXERCISES**Multiple choice questions**

Put a tick (✓) against the most appropriate answer to the following questions.

1. Entrepreneurs undertake
 - a. Calculated risks

- b. High risks
 - c. Low risks
 - d. Moderate and calculated risks
2. In economics, which of the following is not a function of the entrepreneur?
- a. Risk-taking
 - b. Provision of capital and organisation of production
 - c. Innovation
 - d. Day to day conduct of business
3. Which of the following statements does not clearly distinguish between entrepreneurship and management?
- a. Entrepreneurs found the business; managers operate it
 - b. Entrepreneurs are the owners of their businesses; managers are employees
 - c. Entrepreneurs earn profits; managers earn salaries
 - d. Entrepreneurship is once for all activity; management is a continuous activity
4. In the roles and functions of the entrepreneur identified by Kilby, which of the following is not an aspect of 'political administration'?
- a. Dealing with public bureaucracy
 - b. Managing human relations within the firm
 - c. Introducing new production techniques and products
 - d. Managing customer and supplier relations
5. Which of the following attitudes is not generally associated with successful entrepreneurship
- a. Investing in R and D
 - b. Live your business day by day
 - c. Innovate and improvise continually
 - d. Produce as per customers' requirements
6. Which of the following cannot be protected under copyright:
- a. Music
 - b. Drawings
 - c. Video games
 - d. Actors

7. Which of these is a geographical indication?
 - a. Mona Lisa Painting
 - b. IRCTC logo
 - c. Darjeeling tea
 - d. Light bulb
8. What is the role of an entrepreneur in contributing towards Intellectual Property Rights?
 - a. Recognise and respect others' Intellectual Property Rights
 - b. Be creative and innovative
 - c. Protect their own Intellectual Property
 - d. All the above

Short answer questions

1. Clarify the meaning of the terms 'entrepreneur,' 'entrepreneurship,' and 'enterprise.'
2. Why is entrepreneurship regarded as a creative activity?
3. "Entrepreneurs undertake 'moderate' risks." Elaborate this statement.
4. How does entrepreneurship result in increasing the spectrum and scope of economic activities?
5. Describe briefly the role of achievement motivation in entrepreneurship.
6. Imagine that an electronics company produces portable Bluetooth speakers shaped like a small cupcake keyring. How can it stop people from copying its design?
7. Write down the names of one of your favourite book/film, song. Find out who the original creators are and who owns the copyright for each creation?

Long answer questions

1. Describe briefly the steps involved in starting a new business.
2. Examine the nature of relationship between entrepreneurship and economic development.
3. Clarify how motivation and abilities impact an individual's decision to choose entrepreneurship as a career.
4. Discuss the features of the Startup India Scheme of the Government of India.

Application question

Anshuman was a very industrious sales executive with a small herbal cosmetic manufacturer. He earned a good salary and commission on the business he brought for the firm and had very good command over the Delhi market for which he had virtually become indispensable. He was aware of the enviable position he held in the firm and thought aloud:

“The key to success in any business is the sale of its products. The beginning and end of the business cycle is nothing but sale and “other” people working in the factory to manufacture products are mere cogs in the business machine set in motion by sales people. So why carry this burden and get only a tiny share of the prosperity of the firm? Instead others enjoying the fruits of my labour, why should I not start my own business?”

Should Anshuman take a leap? Give reasons for your answer.

Case Problem

Inspiring Feat: Dailywage Labourer Turns Entrepreneur

A landless woman from Bihar has been nominated among the top 25 farmers in Asia by a Mexican website.

Forty-five-year old Lalmuni Devi was a daily wage labourer when she decided to take destiny into her own hands and transformed herself into a successful mushroom farmer. Today she manages to make Rs. 12,000 every year for an investment of only Rs. 600.

Her feat finds mention on a Mexican website that has grouped her as the top 25 inspirational farmers in its photo gallery.

“I am a poor woman. I thought that mushroom farming would profit henceforth I started it. Now I can earn a living for my family,” said Lalmuni Devi.

Successful enterprise

The success story has caught on with many women in the Azadpur village on the outskirts of Patna.

“It is effortless farming, which we can even do in our village. Working in the scorching heat is very tiring. Mushroom farming generates more profit,” said Urmila Devi.

Lalmuni and other landless women have been encouraged by the Indian Council for Agriculture Research to take up mushroom farming.

“It is to help the poorest of the poor through alternative livelihood support system. For that we have chosen a village where people have no land and they have to share croppers,” said Dr A.R. Khan, Principal Scientist, ICAR, Patna.

Lalmuni’s efforts have paved the way for many other landless women to take up mushroom farming and earn a livelihood for their family with little effort.

Source: - www.ndtv.com/features downloaded on 15/3/2006 at 1.35 am

Question

1. What inspiring feat did Lalmuni Devi perform?
2. Do you feel that you can also become an entrepreneur? Elaborate.
3. What qualities of an entrepreneur did Lalmuni Devi exhibit?
4. What are the benefits and risks of becoming an entrepreneur? How can you guard against the risks?

(Teachers should highlight the qualities of an entrepreneur and motivate students to do so. Help that is available from the government of India is listed on the website www.india.gov.in).

Project Work/Activity

1. Visit a newly started small business in your neighbourhood and interview the owner. Prepare a report on how he/she decided to start the enterprise and the difficulties he/she faced. Also include steps taken by the owner to overcome them. Discuss the findings in the class.
2. Study the life history of great entrepreneurs, such as Dhirubai Ambani, Jamshedji Tata, G.D.Birla or Kiran Mazumdar Shaw etc. Prepare a list of common traits of these people and discuss them in your class. Can you imbibe some of these qualities and start some enterprise later on in life?

3. Worksheet: Answer in 20-25 words each.

S.No.	Question	Response
1.	When was the <i>Startup India Scheme</i> launched in India	
2.	For how long an entity is recognised as startup?	
3.	Who is incubator?	
4.	Who is an accelerator?	
5.	List crowdfunding sites in India.	
6.	List active venture capital funds in India.	
7.	How are bootstrapping and angel funding different?	
8.	What is IPR?	
9.	Define patent.	

4. Discussion: The Role of Entrepreneurship Development in the Economic Growth of the Country.

Read the box item and submit your response in the space given:

1. What is the reason for poverty in developing countries, despite their rich resource endowments?
2. If only natural resources were the key determinants of economic growth the entire African continent or Latin America or most part of Asia would have been developed.

NOTES
