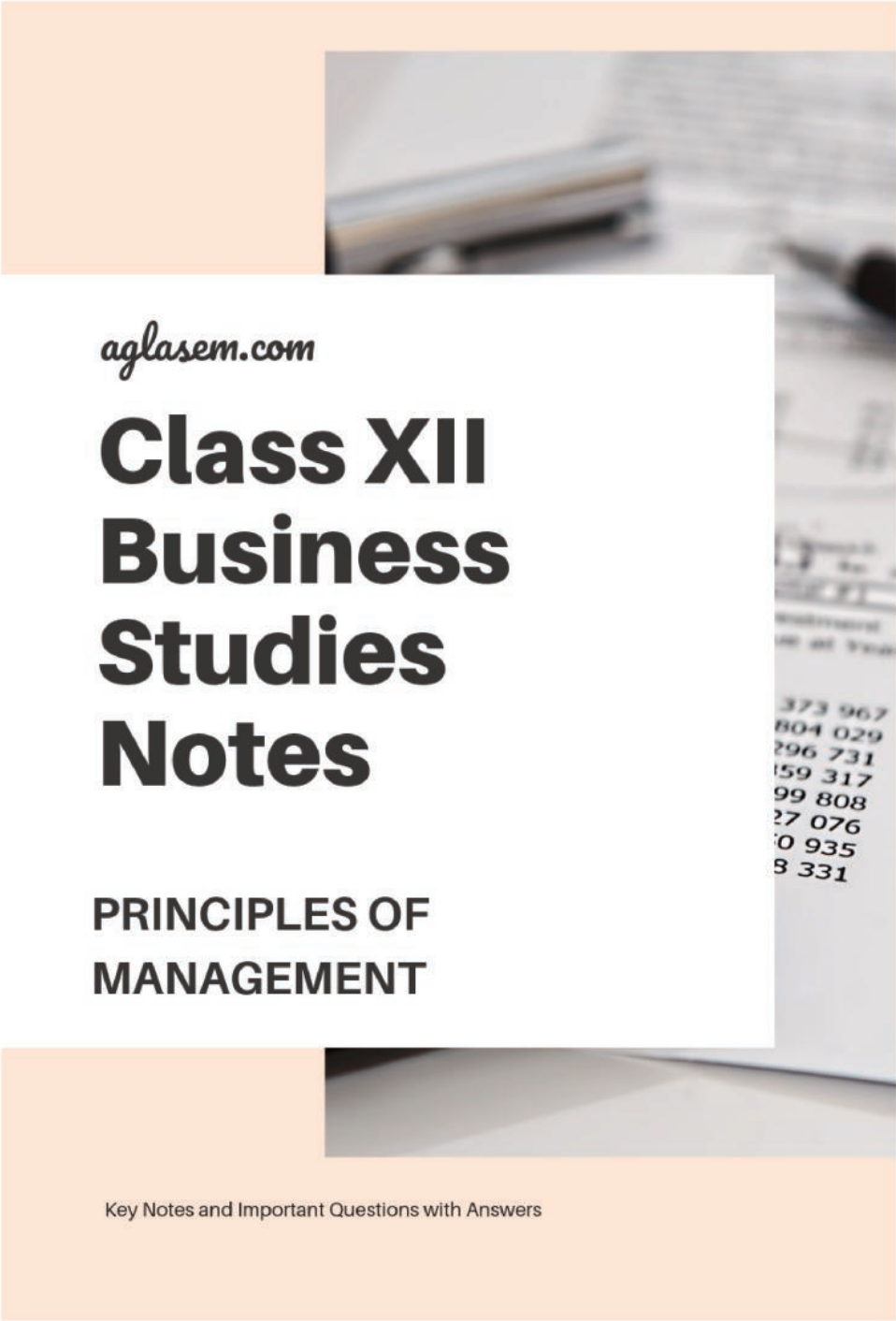




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Class XII Business Studies Notes

PRINCIPLES OF
MANAGEMENT

Key Notes and Important Questions with Answers

CHAPTER - 2

PRINCIPLES OF MANAGEMENT

Concept of Principles of Management

Principles of Management are the broad and general guidelines for managerial decision making, behaviour and action.

The management principles are derived from observation, analysis, experimental studies and personal experiences of the managers.

Nature of Principles of Management

The nature of principles of management can be described in the following points:

1. **Universal applicability** i.e. they can be applied in all types of organizations, business as well as non-business, small as well as large enterprises.
2. **General Guidelines:** They are general guidelines to action and decision making however they do not provide readymade solutions as the business environment is ever changing or dynamic.
3. **Formed by practice and experimentation:** They are developed after thorough research work on the basis of experiences of managers.
4. **Flexible:** They can be adapted and modified by the practicing managers as per the demands of the situations as they are manmade principles.
5. **Mainly Behavioural:** Since the principles aim at influencing complex human behaviour they are behavioural in nature.
6. **Cause and Effect relationship:** They intend to establish cause & effect relationship so that they can be used in similar situations.
7. **Contingent:** Their applicability depends upon the prevailing situation at a particular point of time. According to Terry, "Management principles are 'capsules' of selected management wisdom to be used carefully and discretely".

Significance of the Principles of Management

The significance of principles of management can be derived from their utility which can be understood from the following points:

1. **Providing managers with useful insights into reality:** Management principles guide managers to take right decision at right time by improving their knowledge, ability and understanding of various managerial situations and circumstances.
2. **Optimum utilization of resources and effective administration:** Management principles facilitate optimum use of resources by coordinating the physical, financial and human resources. They also help in better administration by discouraging personal prejudices and adopting an objective approach.
3. **Scientific decisions:** Decisions based on management principles tend to be more realistic, balanced and free from personal bias.
4. **Meeting the changing environmental requirements:** Management principles provide an effective and dynamic leadership and help the organization to implement the changes.
5. **Fulfilling social responsibility:** Principles of management not only help in achieving organizational goals but also guide managers in performing social responsibilities. Example: "Equity" and "Fair" remuneration.
6. **Management training, education and research:** Management principles are helpful in identifying the areas in which existing and future managers should be trained. They also provide the basis for future research.

Q.1 How are management principles derived? (Formed by practice and experimentation)

Q.2 "The principles of management are different from principles of science". How? (Principles of management are flexible but principles of science are rigid).

Q.3 Give reasons, why principles of management are not rigid prescriptions? (Hint: As they are directly concerned with human behaviour which is always uncertain)

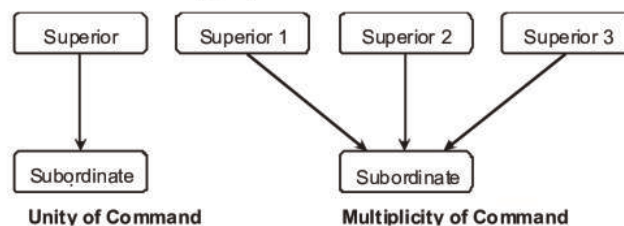
- Q.4** How are Principles of management helpful for managers in fulfilling their social responsibility? (By interpreting principles in their newer and contemporary meaning with change in time)
- Q.5** What is the role of principles of management for managers? (They serve as guide to decision making).

Fayol's Principles of Management

About Henry Fayol: Henry Fayol (1841-1925) got degree in Mining Engineering and joined French Mining Company in 1860 as an Engineer. He rose to the position of Managing Director in 1888. When the company was on the verge of bankruptcy. He accepted the challenge and by using rich and broad administrative experience, he turned the fortune of the company. For his contributions, he is well known as the "Father of General Management".

Principles of Management developed by Fayol

1. **Division of work:** Work is divided in small tasks/job and each work is done by a trained specialist which leads to greater efficiency, specialisation, increased productivity and reduction of unnecessary wastage and movements.
2. **Authority and Responsibility:** Authority means power to take decisions and responsibility means obligation to complete the job assigned on time. Authority and responsibility should go hand in hand. Mere responsibility without authority, makes an executive less interested in discharging his duties. Similarly giving authority without assigning responsibility makes him arrogant and there is fear of misuse of power.
3. **Discipline:** It is the obedience to organizational rules by the subordinates. Discipline requires good supervisors at all levels, clear and fair agreements and judicious application of penalties.
4. **Unity of Command:** It implies that every worker should receive orders and instructions from one superior only, otherwise it will create confusion, conflict, disturbance and overlapping of activities.



Q.6 The production manager of Bharat Ltd., instructs a salesman to go slow in selling the products whereas the marketing manager is insisting on fast selling to achieve the target. Which principle of management is being violated in this case. Write one of the consequences of violation of this principle. (Unity of command, Reduces the efficiency)

5. **Unity of Direction:** Each group of activities having the same objective must have one head and one plan. This ensures unity of action and coordination.

Difference between Unity of Command and Unity of Direction

Basis	Unity of Command	Unity of Direction
(1) Meaning	One subordinate should receive orders from & should be responsible to only one superior.	Each group of activities having same objective, must have one head.
(2) Aim	Prevents dual subordination.	Prevents overlapping of activities.
(3) Implications	Affects an individual employee.	Affects the entire organization.

6. **Subordination of Individual Interest to General Interest:** The interest of an organization should take priority over the interest of any one individual employee. Forex' a manager cancels his pleasure trip in under to attend an important meeting in the comapny.

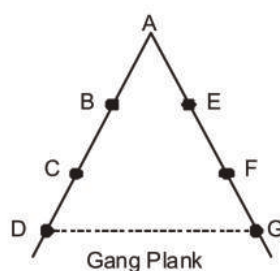
7. **Remuneration of Employees:** Remuneration of employees should be just and equitable so as to give maximum satisfaction to both the employees and organisation.

The employees should be paid fair wages/salaries which would give at least a reasonable standard of living. At the same time, it should be within the paying capacity of the company.

8. **Centralisation and Decentralisation:** Centralisation means concentration of decisions making authority in few hands at top level. Decentralisation means evenly distribution of power at every level of management. Both should be balanced as no organisation can be completely centralised or completely decentralised.

Small organisations can have centralisation where owner has complete authority over the business and no decision making power is given to the subordinates. In large organisations top management takes only strategic/ important decisions and operational authority is given to middle and lower level managers. The panchayat system in our country is a good example of decentralisation where the government being the big organisation gives the decision taking rights to its subordinates i.e., village Panchayat.

9. **Scalar Chain:** The formal lines of authority between superiors and subordinates from the highest to the lowest ranks is known as **scalar chain**. This chain should not be violated but in emergency employees at same level can contact through Gang Plank by informing their immediate superiors.



10. **Order:** According to the principle of order, a right person should be placed at the right job and a right material should be placed at the right place. According to Fayol, every enterprise should have two different orders – material order for physical resources and social order for human resources.
11. **Equity:** The working environment of any organization should be free from all forms of discrimination (religion, language, caste, gender, belief or nationality) and principles of justice and fair play should be followed. No worker should be unduly favoured or punished.
12. **Stability of Personnel:** According to this principle, employees once selected, should be kept at their post/position for a minimum fixed tenure. They should be given reasonable time to show results.
13. **Initiative:** Workers should be encouraged to develop and carry out their plan for improvements. Initiative means taking the first step with self-motivation. It is thinking out and executing the plan.

14. **Espirit De Corps:** Management should promote team spirit, unity and harmony among employees. This encourages mutual trust and belongingness, which results in minimum need for using penalties.

- Q.7** Rakesh and Rahim are employed in the same company. They are working at same position and performing similar functions. But Rakesh is getting more salary than Rahim. Which principle of management is being violated? (Equity)
- Q.8** In an organization employees are transferred frequently; which principle of management is being over looked. (Stability of personnel)
- Q.9** Name and explain the principle of management according to which a manager should replace 'I' with 'we' in all his conversations with workers? (Espirit De Corps.)
- Q.10** State one positive effect of the Principle- "Unity of Command." (The efficiency of subordinate's increases)
- Q.11** Why did Fayol introduce Gang Plank in the principle of scalar chain? (to contact with the employees of equal rank in case of emergency).
- Q.12** Nikita and Salman completed their MBA and started working in a multinational company at the same level. Both are working hard and are happy with their employer. Salman had the habit of backbiting any wrong reporting about his colleagues to impress his boss. All the employees in the organization knew about it. At the time of performance appraisal, the performance of Nikita was judged better than Salman. Even then, their boss, Mohammad Sharif decided to promote Salman stating that being a female, Nikita will not be able to handle the complications of higher post.
- (i) Identify and explain the principle of management that was overlooked by this multinational company.
- (Hint. (i) Equity.

Taylor's Scientific Management

Fredrick Winslow Taylor (1856-1915) was a person who within a very short duration (1878-1884) rose from ranks of an ordinary apprentice to chief engineer in Midvale Steel Company, U.S.A. Taylor conducted a number of experiments and came to

conclusion that workers were producing much less than the targeted standard task. Also, both the parties - Management and workers are hostile towards each other. He gave a number of suggestions to solve this problem and correctly propounded the theory of Scientific Management to emphasize the use of scientific approach in managing an enterprise instead of hit and trial method. For his contributions, he is well known as the "Father of the Scientific Management".

SCIENTIFIC MANAGEMENT

Meaning: Conduct of business activities according to standardised tools, methods and trained personal so as to have increased output through effective and optimum utilisation of resources. Hence it stresses that there is always one best way of doing things.

Scientific Management attempts to eliminate wastes to ensure maximum production at minimum cost.

Principles of Scientific Management

1. Science, not rule of Thumb:

There should be scientific study and analysis of each element of job rather than using intuition, experience or adopting old rule of thumb approach on a hit and miss method. Encourage "thinking before doing" and determining standard output.

2. Harmony, not discord:

There should be complete harmony and proper understanding between management and workers in achieving the organisation goals. For this he emphasised mental revolution i.e., a complete change in mental outlook and attitude of workers and management towards one another from competition to cooperation. The management should create pleasant working conditions and workers should work with full loyalty. Instead of fighting over distribution of profits, they must focus attention on increasing it.

3. Cooperation not individualism:

Taylor emphasised on the importance of cooperative group efforts between the management and workers in achieving the organisation's goal and not individualism. Both should realise that they need each other.

4. Development of workers to their greatest efficiency and prosperity:

The management should scientifically select the workers; assign job as per

their physical, mental and intellectual capabilities; and train them as per the job requirement to increase their efficiency.

Q.13 Which principle of scientific management suggests the introduction of scientific investigation and analysis of management practices?(Science not rule of thumb)

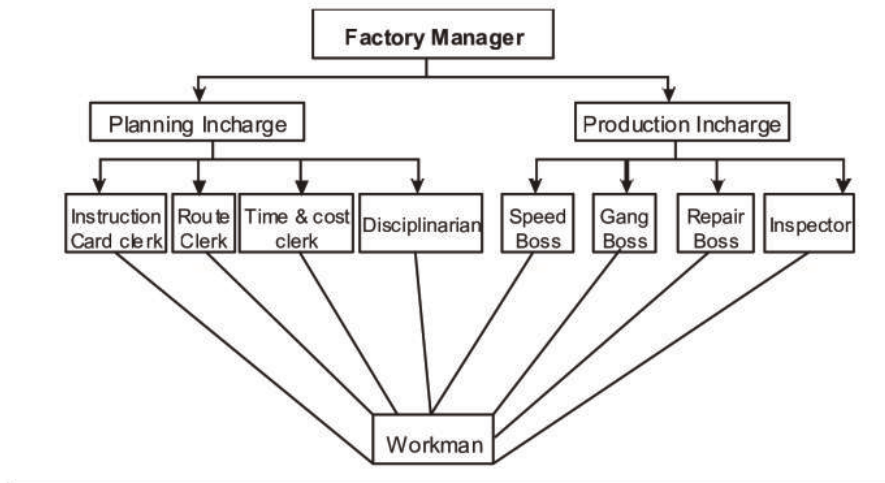
Q.14 Which principle of scientific management suggest that management should share its gains with workers and workers should be willing to embrace the change for good of the company (Harmony not discord)

Techniques of Scientific Management

Taylor gave the following techniques for implementing the principles of scientific management.

A. Functional Foremanship

- Supervision is to be divided into several specialized functions and each function to be entrusted to a special foreman.
- Each worker will have to take orders from eight foreman in the related process of function of production.
- Stress on separating **planning function** from **execution function**.



Planning Incharges :

1. **Route Clerk** to specify the exact sequence and route of production.
2. **Instruction card clerk** is responsible for drafting instructions for the workers.
3. **Time and cost clerk** to prepare time and cost sheet for the job.
4. **Shop Disciplinarian** to ensure discipline and enforcement of rules and regulations among the workers.

Production Incharges:

1. **Gang boss** is responsible for keeping tools and machines ready for operation.
2. **Speed boss** is responsible for timely and accurate completion of job.
3. **Repair boss** to ensure proper working conditions of tools and machines.
4. **Inspector** to check quality of work.

Q.15 Name the technique of scientific management which focuses on separation of planning and execution functions.(Functional Foremanship)

B. Standardisation and Simplification of work:

- Process of setting standards of every business activity to maximise output is called **standardisation**.
- **Simplification** is eliminating unnecessary varieties, sizes and grades of product manufactured in the organisation.

C. Method study:

- Finding one best way of doing a job.
- Critical analysis is made for plant layout, product design, material handling and work processes using techniques like process chart, operations research etc.

Q.16 In a Company, the Factory Manager appointed only one foreman for the work of production, planning, execution and supervision of workers. However, that foreman is not efficient in planning and execution.

- (1) Which technique of scientific management is being violated here?
(Functional Foremanship.)
- (2) Write one consequence of this violation.

D. Motion Study

- Making a thorough analysis of various motions being performed by a worker while doing a particular task.
- Identifying and determining the ideal productive movements.
- Eliminate the unproductive movements and equipments.

E. Time study

- It is the technique used to determine the standard time taken by the workmen with reasonable skills and abilities to perform a particular task.
- Here the job is divided into series of elements and the time required to complete each element idealistically is recorded using a stop watch.

F. Fatigue study

- Determines the amount and frequency of rest intervals required in completing a task.

G. Differential Piece Wage System

- Evolve a system wherein the efficient and inefficient workers are paid at different rates. (as financial incentives act as motivators)
- First a standard task is established with the aid of time and motion study, then two rates are established. Higher, when standard output is produced and lower, when the standard is not met.

For example: Standard task is 10 units. Rates are: Rs 50 per unit for producing 10 units or more and Rs 40 per unit for producing less than 10 units

- Worker A produces 11 Units; he gets Rs 550 (11 units' x 50 per unit)
- Worker B produces 09 units; he gets Rs 360 (9 units' x 40 per unit)
- This difference of Rs 190 will motivate B to perform better.

H. Mental Revolution

It involves a complete change in mental outlook and attitude of workers and management towards one another from competition to cooperation. The management should create pleasant working conditions & workers should work with devotion and loyalty. Instead of fighting over distribution of profits, they must focus attention on increasing it.

- Q.17** Which technique of scientific management aims at elimination of superfluous varieties sizes and dimensions of the product. (Simplification of work)
- Q.18** Name the technique of Taylor which is one of the strongest motivator for a worker to reach standard performance. (Differential piece wage system)
- Q.19** Explain the technique of scientific management that is extension of "Principle of Division of work" and specialisation? (Functional foremanship)

Fayol versus Taylor

TAYLOR V/S FAYOL

	Basis	Henry Fayol	F.W Taylor
1.	Basis of formation	Personal Experience	Observation
2.	Focus	Improvement in the overall administration	Concentration on improving the productivity
3.	Applicability	Universally applicable	Applicable only to specialised situations
4.	Perspective	Top level management	Lower level-shop floor level
5.	Personality	Practitioner and known as the father of General management	Scientist and known as father of scientific management
6.	Human element	More importance given to human element; e.g. Principle of equity, stability of tenure	More importance attached to increasing the production than to the human element

7.	Emphasis	Greater emphasis on tools and standardisation of work i.e. General Theory of Administration	Emphasis on principles and theory of general administration i.e. Scientific Management
8.	Unity of Command	Staunch proponent that orders should be received from one boss.	Did not feel that it is important as under functional foremanship a worker received orders from eight specialists.

PRINCIPLES OF MANAGEMENT

- Science not Rule of Thumb means discarding old methods of doing work which were based on hunch or old practices and developing new techniques based on experimentation.
- Mental revolution means drastic change in the thinking. Change is required on three fronts :
 - a) In attitude towards each other (management and workers)
 - b) Towards work
 - c) Towards division of profitManagers should realize the importance of workers.
- Revision of principles :
 - a) An employee breaks 'No Smoking' rule (violation of principle of discipline)
 - b) Management not giving increments and promotions to workers as per agreement (violation of principle of discipline)
 - c) Management sharing gains with workers (harmony, not discord)
 - d) Sales manager welcoming suggestions of salesman (Initiative)
 - e) The purchase manager purchases raw material from the company owned by his son at a rate more than the market price (violation of subordination of individual interest to general interest)
 - f) Frequent transfers (violation of stability of tenure)
 - g) In case of an accident, first aid box could not be found in its place (violation of principle of order)
 - h) Making arrangements for training and career development of workers (development of each person to his/her greatest efficiency and prosperity)

QUESTIONS FOR PRACTICE

- Q.1** Which principle of Henry Fayol does functional foremanship violate? (Unity of command) (1)
- Q.2** A sales person is asked to finalize a deal with customer. The marketing manager allows him to give a discount of up-to 10% but the Finance Manager allows him to give discount of upto 25%. Which principle is violated here? (Unity of command) (1)
- Q.3** "Workers should be encouraged to develop and carry out their plan for development." Identify the principle of management (Fayol)involved here. (Initiative) (1)
- Q.4** Principles of Taylor and Fayol are mutually complementary. One believed that the management should the gain with the workers while the other suggested that employees compensation should depend upon the earning capacity of the company and should give them a reasonable standard of living. Identify and explain the principles of management by Tayol and Fayol referred to in para? (1)
[Hint: Fayol – Remuneration, Taylor – Harmony not Discord (Mental Revolution)]
- Q.5** A manager should have the right to punish a subordinate for wilfully not obeying a legitimate order but only after sufficient opportunity has been given to his/her case. Identify the principle of management highlighted here.(Authority and Responsibility) (1)
- Q.6** Name and explain that principle of Fayol which suggest that communication from top to bottom should follow the official lines of command. (Scalar chain) (3 Marks)
- Q.7** The production manager of an automobile company asked the foreman to achieve a target production of 200 scooters per day. But he did not give him the authority to requisition tool and materials from the stores department. Can the production manager blame the foreman if he is not able to achieve

the desired target? Explain briefly the principle relating to the situation. (No, Production Manager can't blame the Foreman. Principle- Authority and Responsibility)

- Q.8** Which principle of scientific management suggests that management should be open to constructive suggestions and workers should be taken into confidence before taking important decisions.

(Co-operation not individualism)