



DEPARTMENT OF MANAGEMENT STUDIES

Question Bank

Production and Operations Management

Unit 1

1. Define 'Production Management'? Examine the role of production manager along with various levels of production decisions.
2. "Production Management has a wide scope in the managerial Function". Discuss the statement.
3. Explain in detail various types of production System
4. Write the characteristic features of job order, batch production and mass production system?
5. Explain the salient features, characteristics and when to use the following types of production:
 - a) Make to stock
 - b) Make to order
 - c) Assemble to order
6. Discuss the relationship of production with Marketing, Finance and personnel functional area along with example.
7. Examine the role of production manager along with various levels of production decisions

Unit 2

1. Explain the different factors influencing plant location
2. The success or failure of the organization very much depends on the location of the plant.
Comment on the given statement?
3. Explain the statement 'Capacity planning is the process of determining the production capacity needed by an organization to meet changing demands for its products?'
4. Suppose you are working as an operation manager, discuss the factors which determine plant location?
5. What are the factors that influence the planning for constructing a building? What are the advantages and disadvantages of Single Storey Building & Multi storey building.
6. What are the principle of scientific layout? Compare Product and process layout.
7. Differentiate between product layout and process layout and explain their competitive advantages and disadvantages.
8. Write short notes on Fixed Position Layout. Explain its advantages and disadvantages?

Unit 3

1. Define Capacity Planning. What are the major considerations of effective capacity?
2. What are the different measures of capacity? Define capacity planning and enumerate the process of capacity planning. Why capacity planning is important?
3. What are the functions influencing effective capacity and explain the factors favoring over capacity and under capacity? Discuss.
4. Discuss how capacity needs of a plant are estimated for the future course of action.
Explain the factor influencing the effective capacity of a plant.

5. Explain the concept of TQM. Illustrate The advantages of TQM with the help of examples.
6. Discuss the various techniques of Total Quality management (TQM)?
7. Explain JIT. Also explain the concept of 7 wastes.
8. Do you think that ERP can improve the overall business? Write the methodology of ERP implementation.
9. Just in time manufacturing is a philosophy, rather than a technique” Comment.

Unit 4

1. Define Work-study. Discuss its procedure. What are the benefits of work study?
2. Work study is a powerful tool for improving productivity. Comment.
3. What do you understand by Time study and Method study. List down the benefits that any organization may take of the above.
4. Explain Method study. Discuss various steps (in logical sequence) undertaken in the study.
5. What do you understand by allowances? Describe the types of allowances?
6. Work measurement is the application of the techniques designed to establish the time for a qualified worker.” Explain and also discuss the objective and tools of work measurement.
7. Write a note on:
 - a) PMTS
 - b) Flow and string diagram
 - c) Cycle graph and chrono cyclegraph
 - d) Work sampling
 - e) Flow process chart

Unit 5

1. Discuss the reasons for industrial accidents and list out various methods for the prevention of such happenings.
2. What is Safety Management? What are the reasons of industrial accident? What are the measures of prevention?
3. Poor maintenance of plant and machinery leads to various losses in industry. Discuss
4. Preventive maintenance is often viewed as a long-term approach to reliability. Why?
5. What are the causes of accident in an organization? Discuss the prevention of accidents.
6. Discuss the management responsibility for safety. Suppose you are the Assistant manager of a steel plant. What would be your responsibilities for safety?
7. What do you understand by maintenance management? Write the objective of maintenance management?
8. What do you mean by preventive maintenance system?