

Instruction to Candidates:

- 1) Section - A is compulsory.
- 2) Attempt any Nine questions from Section - B.

Section - A

Q1) (15 x 2 = 30)

- a) What is meant by Production Management?
- b) What is meant by quality certification?
- c) Name the functions of inventory control.
- d) Define Total Quality Management.
- e) Define Method study.
- f) Explain briefly the term value analysis.
- g) Differentiate between batch & mass production system.
- h) Define productivity.
- i) What is meant by product design?
- j) Explain briefly the concept of EOQ.
- k) What do you mean by supply chain.
- l) Name the important considerations related to product design.
- m) What do you mean by Buffer Stock?
- n) What do you mean by Routing?
- o) What is job type production system?

Section - B

(9 x 5 = 45)

- Q2) Describe the factors taken into consideration for an optimum location of a plant.
- Q3) What is demand forecasting and how it is done.
- Q4) What is EOQ? How it is determined derive the relation of EOQ?
- Q5) What are the main differences between product design and product development explain using some suitable examples?
- Q6) Explain the scope of Production Management in a business organization.
- Q7) Explain the factors, which largely influence the make or buy decisions.
- Q8) Explain various techniques used for Production Scheduling.
- Q9) How does Demand forecasting help in preparing production plans for a manufacturing organization?
- Q10) How does material requirement planning differ from capacity planning?
- Q11) Explain the relationship between Method study and Time Study.
- Q12) Enumerate the responsibilities of operations personnel.
- Q13) What is meant by ABC classification? How is it important to an organization?