

Paper–M.C.–204 : Production and Materials Management

(Same for USOL Candidates)

Time Allowed : 3 Hrs.

Maximum Marks : 80

Note : Answer five questions in all, selecting at least one from each Unit. Each question will carry equal marks.

UNIT-I

1. What do you mean by Production Management ? Explain its nature and scope in detail.
2. “Purchasing is an important boundary function that supports operations by acquiring major resources for the conversion process.” Comment and justify.
3. Explain the following.
 - (a) Static Inventory problem under Risk
 - (b) Negotiations with Suppliers.

UNIT-II

4. Explain how the following Forecasting Techniques deliver a consensus forecast :
 - (a) Nominal Group Technique
 - (b) Delphi Technique.

5. Identify the different types of Inspections and discuss their roles in the Quality Assurance and Control Process.
6. Write a detailed note on Control Value Analysis. How quality can be determined ?

UNIT-III

7. Although Facility Location is a Planning Decision, it has implications for decisions in the organising and controlling the sub-functions. Explain.
8. Compare the manual and quantitative models for Process Layout Design. What are the advantages of each kind of model ?

UNIT-IV

9. Differentiate between Work Study and Method Study Technique of Productivity. Explain the use of these techniques.
10. Explain:
 - (a) Concept of Work Sampling
 - (b) Concept of Process Mapping.