

MANAGEMENT PAPER - II

Time Allowed : 3 hours

Full Marks : 100

Marks for each question is indicated against it.

Attempt any 5 (five) questions taking not more than 3 (three) questions from each Part.

PART - A

1. With the help of a suitable example, explain the general procedure for hypothesis testing. Explain the type of errors that can be made in hypothesis testing along with their implications. (20)
2. A grocery receives its weekly supply of eggs every Thursday morning. This shipment must last until the following Thursday when a new shipment is received. Any eggs left unsold by Thursday are destroyed. Eggs sell for \$10 per hundred and cost \$8 per hundred. The weekly demand for eggs at this grocery varies from week to week. From past experience, the following probability distribution is assigned to weekly demand:

Demand (hundreds of eggs):	10	11	12	13	14
Probability:	0.1	0.2	0.4	0.2	0.1

This pattern of demand remains stable throughout the year – the demand for eggs is not seasonal, and the trend is flat. How many eggs should be ordered for delivery every Thursday? (20)

3. What is an assembly line? Discuss the process of balancing an assembly line. (5+15=20)
4. (a) Illustrate how codification of materials helps in controlling inventory and subsequent reduction of costs. (10)
(b) Briefly explain the concept of selective control in material management. (10)

PART - B

5. Explain the term 'expert system'. Describe the applications of expert system in managing the information of an organisation by giving suitable examples. (20)
6. How is the Industrial Policy of 1991 different from its predecessors? Critically examine. (20)
7. Which model would you use to analyse a market if you are a new entrant? Discuss. (20)
8. Briefly discuss the factors which influences the international business environment. (20)