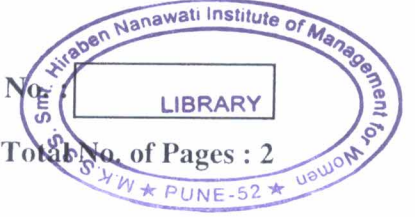


Total No. of Questions : 5]

PE-12122

SEAT No.

[Total No. of Pages : 2



[6551]-828

M.B.A.

OPERATIONS & SUPPLY CHAIN MANAGEMENT
OSCM - 610MJ : Planning & Control of Operations
(2024 Pattern) (Semester - III) (SE)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Answer any 05 out of 08 :

[5 × 2 = 10]

- a) What is break-even analysis used for in operations planning?
- b) What is product mix decision?
- c) What is the planning hierarchy in operations management?
- d) What is causal forecasting?
- e) Why is monitoring forecast error important?
- f) What is lot sizing in MRP?
- g) What is input-output control in scheduling?
- h) Mention any two strategies used in Master Production Scheduling.

Q2) Answer any 02 out of 03 :

[2 × 5 = 10]

- a) Explain routing and scheduling as core functions of production planning.
- b) Explain the role of market research in demand forecasting.
- c) Explain how BOM structure affects material planning decisions.

Q3) Answer any 1 out of 2 :

[1 × 10 = 10]

- a) Explain the steps involved in process planning and route sheet preparation.
- b) Explain aggregate production planning strategies for managing supply.

P.T.O.

Q4) Answer any 1 out of 2 :

[1 × 10 = 10]

- a) Explain the design of a forecasting system in an organization.
- b) Explain capacity requirements planning and its importance in operations management.

Q5) Answer any 1 out of 2 :

[1 × 10 = 10]

- a) Explain operational control issues in mass production systems.
- b) Explain the role of MRP and ERP in integrated operations planning.

