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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 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.

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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.

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