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S.Y. M.B.A.

OPERATIONS & SUPPLY CHAIN MANAGEMENT

OSCM-610-MJ : Planning & Control of Operations

(2024 Pattern) (Semester - III)

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 5 out of 8 **[5×2=10]**

a) Define Planning and Control of Operations.

b) State any two building blocks of Planning and Control of Operations.

c) What is aggregate production planning?

d) What is demand forecasting?

e) Mention any two types of forecasts used in operations management.

f) What is capacity planning?

g) Why is scheduling important in operations management?

h) What is a Bill of Materials (BOM)?

Q2) Answer any 2 out of 3 **[2×5=10]**

a) Explain the need for aggregate production planning in organizations.

b) Explain different forecasting methods used in operations planning.

c) Explain the relationship between capacity planning and MRP.

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Q3) Answer any 1 out of 2 **[1×10=10]**

a) Explain the concept, objectives, and functions of Planning and Control of Operations.

OR

b) Explain the steps involved in aggregate production planning and its strategies.

Q4) Answer any 1 out of 2 **[1×10=10]**

a) Explain demand forecasting process and factors affecting forecast accuracy.

OR

b) Explain capacity planning process and its relationship with MRP systems.

Q5) Answer any 1 out of 2 **[1×10=10]**

a) Explain different scheduling methods used in operations management.

OR

b) Explain the structure and preparation of a Bill of Materials and its role in operations planning.

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