

Total No. of Questions : 5]

P2203



[5465]-3015

SEAT No. :

Dec - 18

[Total No. of Pages : 2

M.B.A.

305(OPE) : PLANNING AND CONTROL OF OPERATIONS
Specialization : Operations Management
(2016 Pattern) (Semester - III)

Time : 2¼ Hours]

Instructions to the candidates:

[Max. Marks : 50

- 1) All questions are compulsory.
- 2) Each question has an internal option.
- 3) Each question carries 10 marks.
- 4) Figures to the right indicate marks for that question/sub question.
- 5) Draw neat diagrams and illustrations supportive to your answer.
- 6) Your answer should be specific and to the point.

Q1) a) What is Production Planning and Control. Explain the Relations with other department. [10]

OR

b) Explain the Routing-Process layout indicating flow chart of material from machine to machine. Discuss. [10]

Q2) a) i) Write note on Extrapolative methods using time series. [5]

ii) Write note on Developing the logic of Forecasting. [5]

OR

b) State and Explain Sources of data. Explain Forecasting as a Planning tool with suitable example. [10]

Q3) a) Explain the Aggregate Production Planning methods? Discuss need for Aggregate Production Planning with suitable example. [10]

OR

b) Explain in the details about Basic strategies for Aggregate Production Planning. Discuss MPS. [10]

P.T.O.

Q4) a) Explain in detail Enterprise Resources Planning. Discuss Resource Planning in Services. **[10]**

OR

b) Explain the Bill of Material? Discuss time phasing of the requirements with suitable example. **[10]**

Q5) a) Explain in detail Operational Control issues in Master Production Systems. Discuss. **[10]**

OR

b) i) Write note on Need for scheduling. **[5]**

ii) Write note on Loading of Machines. **[5]**



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M.B.A.

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Q1) a) Explain in detail Planning and Control of Operations. Elaborate the Needs and Importance of PPC. [10]

OR

b) Explain the process of Dispatch in production control-documentation. Discuss PPC Operations. [10]

Q2) a) i) Write note on Design of forecasting systems. [5]

ii) Write note on Extrapolative methods using time series. [5]

OR

b) Explain Forecasting as a planning tools. Discuss with suitable example. [10]

P.T.O.

Dec 17

✓ Q3) a) What is Aggregate Production Planning? Explain need for Aggregate Production Planning. [10]

OR

b) Explain in the details about Master Production Scheduling. Discuss. [10]

✓ Q4) a) Explain in detail Resources Planning. Discuss Dependent Demand attributes. [10]

OR

b) What is MRP system? Discuss Capacity Requirements Planning. [10]

✓ Q5) a) Explain in detail Scheduling and Operations. Discuss Need for Scheduling. [10]

OR

✓ b) i) Explain Input - Output Control. [5]

ii) Write note on Loading of Machines. [5]
