

Roll No.....

Total No. of Questions : 13]

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Paper ID [B0116]

(Please fill this Paper ID in OMR Sheet)

BBA (BB - 305) (S05) (O) (LE) (Sem. - 3rd)

PRODUCTION & OPERATIONS MANAGEMENT

Time : 03 Hours

Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Nine** questions from Section - B.

Section - A

Q1)

(15 × 2 = 30)

- a) Briefly discuss role of Production Manager.
- b) Need for Demand Forecasting.
- c) Product Vs. Service.
- d) Explain Job Production system.
- e) What is Fixed Position Layout?
- f) Briefly discuss World Class Manufacturing.
- g) What are Objectives of Production Planning and Control?
- h) Explain Dispatching.
- i) What is Time Study?
- j) Define Work simplification.
- k) Write a note on Measurement of Capacity.
- l) State any 2 uses of SQC.
- m) Briefly discuss Japanese Maintenance Management.
- n) What is Flexible Manufacturing System (FMS)?
- o) Discuss Computer Integrated Manufacturing (CIM).

Section - B

(9 × 5 = 45)

- Q2)** How Operations Management is inter-related with other key functional areas of Management.
- Q3)** What do you mean by Demand Forecasting? Discuss various techniques of Demand Forecasting.
- Q4)** Discuss the various Scheduling Techniques in detail.
- Q5)** What do you understand by Location Decisions? What are factors affecting location decisions?
- Q6)** Define the term Layout. Discuss the layout process in detail.
- Q7)** What is Productivity Management? What problems are generally faced while Measuring Productivity?
- Q8)** Discuss the steps involved in basic Work Study Procedures.
- Q9)** What do you mean by Capacity Planning? Discuss the different alternatives for long term Capacity expansions.
- Q10)** What is Statistical Quality Control? Discuss the control charts for Variables and Attributes.
- Q11)** Define the term Maintenance. Discuss the concept and objectives of Maintenance Management.
- Q12)** What do you understand by JIT Philosophy? What are pre-requisites of a successful JIT manufacturing system?
- Q13)** Explain the concept of Total Quality management. How TQM has evolved over time?

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