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**MS-53**

**MANAGEMENT PROGRAMME (MP)**

**Term-End Examination**

**June, 2024**

**MS-53 : PRODUCTION/OPERATIONS  
MANAGEMENT**

*Time : 3 Hours*

*Maximum Marks : 100*

*Weightage : 70%*

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**Note :** (i) *Answer any **five** questions.*

(ii) *All questions carry equal marks. Each question carries 20 marks.*

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1. What is operations management ? What are the factors of production ? Discuss the systemic view of operations with the help of the input-process-output model with suitable examples.
2. What is demand forecasting ? What is the need for forecasting in production/operations management ? Discuss.
3. What do you mean by facilities planning ? What is the need for facilities planning ? Discuss the objectives of facilities planning.

**P. T. O.**

4. Define aggregate planning. What are the managerial applications of aggregate planning ? Discuss.
5. Discuss the need and importance of materials management in production/operations management.
6. What is Total Productive Maintenance (TPM) ? What are the six significant causes of the reduction of equipment utilisation ? Discuss.
7. Write short notes on any *four* of the following :
  - (i) Quality Function Deployment (QFD)
  - (ii) The Delphi Technique
  - (iii) Work Measurement
  - (iv) Bill of Materials (BOM)
  - (v) Computer Integrated Manufacturing (CIM)