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MS-53

MANAGEMENT PROGRAMME

(MP)

Term-End Examination

June, 2023

MS-53 : PRODUCTION / OPERATIONS

MANAGEMENT

Time : 3 Hours

Maximum Marks : 100

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

(ii) *All questions carry equal marks.*

1. What do you understand by a production system ? Explain the various characteristics of a production system.
2. “Forecasting is an important component of operation planning.” Explain, in view of the statement, the application of forecasting in operations management.

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3. “A feasibility study is usually performed to determine how much capacity will be needed and when.” Explain, in view of statements, capacity planning for a single-stage and multi-stage system.
4. Explain the concept of Just-in-time system. Also, explain the various characteristics of Just-in-time systems.
5. “MRP implementation takes a great deal of effort.” Do you agree ? Explain the various elements required for successful implementation of Materials Requirement Planning (MRP).
6. Explain, in brief, the chronic and sporadic losses. Also, state the difference between the two.

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7. Write short notes on any *three* of the following :

- (a) Social Concerns of Operations
- (b) Advantages of Delphi-Technique
- (c) Steps in Aggregate Planning
- (d) Bulk Discount Model
- (e) Computer-Aided Design (CAD)