

MANAGEMENT PROGRAMME (MP)

Term-End Examination

June, 2022

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

Time : 3 Hours

Maximum Marks : 100

Note : Attempt any **five** questions. All questions carry equal marks.

1. Distinguish between feedback and feedforward control systems. Whether the implementation of any one type of production control system is sufficient ?
2. “Forecasting is one input to all types of business planning and control, both inside and outside the operations function.” Explain the application of forecasting to different functional areas.
3. “In order to realise the maximum potential of a new layout, a systematic plan of attack must be followed.” Explain the various steps involved in developing the process layout.

4. “Just-in-time systems focus on reducing inefficiency and unproductive time in the production process to improve continuously the process and the quality of the product or service.” Explain in view of statement the various characteristics of Just-in-time systems.
5. Explain how the demand pattern for a component can be discontinuous or lumpy, even though the demand pattern for its parent item is smooth.
6. What do you understand by the term chronic and sporadic losses ? Also, state the difference between them.
7. Write short notes on any *three* of the following :
 - (a) Judgemental Forecasting
 - (b) Objectives of Facility Planning
 - (c) Economic Order Quantity
 - (d) TPM Promotion
 - (e) Computer Aided Design (CAD)