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**MS-53**

**MANAGEMENT PROGRAMME  
(MP)**

**Term-End Examination  
December, 2023**

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

*Time : 3 Hours*

*Maximum Marks : 100*

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

(ii) *All questions carry equal marks.*

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1. What do you understand by the term forecasting? Explain the general steps involved in forecasting process.
2. Explain the concept of work measurement. Also explain the various techniques of work measurement.
3. Describe the economic batch size of production. What are the cost factors involved in the above and how are they evaluated for determining the economic batch size ?

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4. “As per major activity groups in materials management in any manufacturing organization, several issues emerge, which need to be considered while discharging its functions.” Explain, in view of statement, some of the issues involved in materials management.
5. “The Japanese refer to autonomous maintenance as self-initiated maintenance.” Do you agree ? Give reasons for your answer.
6. Describe in detail ISO 9000 : The International Quality System Standard. Also state the benefits of ISO 9000 certification.
7. Write short notes on any *three* of the following :
  - (a) Judgemental forecasting
  - (b) Need of facility planning
  - (c) Linking long-term and short-term planning
  - (d) Gradual Replacement Model
  - (e) Group Technology (GT)