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**MS-57**

**MANAGEMENT PROGRAMME (MP)**

**Term-End Examination**

**June, 2022**

**MS-57 : MAINTENANCE MANAGEMENT**

*Time : 3 Hours*

*Maximum Marks : 100*

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

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1. “Life cycle costs are total costs from inception to disposal for equipment and plant.” Explain the plant maintenance and life cycle profits in view of statement.
2. Why should one understand the total concept of maintenance system’s functioning before attempting to use IT enablers ?
3. “A maintenance technician handles a variety of machines.” Explain the concept of training in maintenance technology.

**P. T. O.**

4. What is meant by reliability ? “Availability is a more practical and appropriate measure of equipment performance.” Discuss.
5. “Plant shutdowns for equipment overhauls needs to be adequately planned.” Why ? What will happen if this is not done ? What are the various steps of planning of maintenance shutdowns ?
6. Why is it necessary to have planned maintenance management system in any plant for successfully implementing condition based maintenance ?
7. Write short notes on any *three* of the following :
  - (a) Terotechnology
  - (b) Costing Sheet
  - (c) Total Quality Management
  - (d) Reliability Centered Maintenance
  - (e) Maintenance Budgeting