

**MANAGEMENT PROGRAMME
(MP)**

**Term-End Examination
June, 2026**

MS-057 : MAINTENANCE MANAGEMENT

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

1. Define maintenance scheduling and explain its fundamental principles. Discuss how maintenance jobs are matched with available resources and sequenced effectively over time.
2. Discuss the key issues that affect the design and structure of a maintenance organization structure.

3. Discuss the internal customer concept with reference to maintenance activities in a typical Indian organization. Should maintenance activities be integrated into the operator's daily workload ?
4. What are the various techniques used for scheduling and monitoring projects ? Explain why network analysis techniques are preferred over traditional scheduling methods while highlighting their advantages.
5. Explain the concept of Condition-Based Maintenance (CBM) and discuss the steps involved in implementing CBM in an industrial organization.
6. "Replacement policies form an integral part of all industrial maintenance programmes." Explain the replacement decision in the light of this statement.

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

- (a) Role of HRD in Maintenance Management
- (b) Benefits of Planned Maintenance
- (c) Poisson Distribution
- (d) Stress in Maintenance
- (e) Pareto Chart

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