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MMPO-007

MANAGEMENT PROGRAMME

(MP)

Term-End Examination

June, 2025

MMPO-007 : MAINTENANCE

MANAGEMENT

Time : 3 Hours

Maximum Marks : 100

Weightage : 70%

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

(ii) Each question carries 20 marks.

1. What is Maintenance Management ?

Discuss the basic Maintenance Planning principles. Briefly explain the objectives and various interconnected elements of maintenance planning and scheduling.

2. Discuss the *three* methods of fault elimination in Breakdown Maintenance. How is Fixed Time Maintenance different from Breakdown Maintenance ? Elaborate.
3. What is Maintenance cost ? Discuss the various classifications of maintenance costs for a typical organisation.
4. Briefly explain the benefits of IT enabled maintenance. Discuss the types of master data bases required to support IT enabled maintenance in a company.
5. Define and explain the various steps involved in Reliability-Centered Maintenance (RCM). Discuss the various limitations of RCM.
6. Discuss in brief the elements of sustainable management practices in maintenance management. Explain the different types of maintenance strategies.

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

- (i) Types of Maintenance Audit
- (ii) Methodology of Maintenance audit
- (iii) Classification system spare parts
- (iv) Developing the Maintenance Leader
- (v) Failure Modes and Effects Analysis (FMEA)

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