

No. of Printed Pages : 3

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.

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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.

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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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