

No. of Printed Pages : 3

MMPO-007

MANAGEMENT PROGRAMME

(MP)

Term-End Examination

June, 2026

MMPO-007 : MAINTENANCE

MANAGEMENT

Time : 3 Hours

Maximum Marks : 100

Weightage : 70%

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

(ii) Each question carries 20 marks.

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1. What is Maintenance Strategy ? What are the factors affecting the Maintenance Strategy ? Discuss in detail.

2. What is preventive maintenance ? Explain different preventive maintenance tasks. How is total maintenance cost affected by the level of preventive maintenance ?
3. What steps are needed to introduce and sustain HRD, especially for maintenance in an organization ?
4. What are the benefits of implementing the Reliability Centred Maintenance (RCM) methodology ? Explain the misconceptions about RCM.
5. What do you 'mean by Maintenance Audit ? Explain the steps involved in Maintenance Audit.
6. Define Reliability, Maintainability and Availability. Establish a relationship among them.

[3]

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

- (i) Condition-based maintenance
- (ii) Failure Modes and Effects Analysis (FMEA)
- (iii) Terotechnology
- (iv) Safety and Environmental issues in maintenance management
- (v) Maintenance Organisation

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