

No. of Printed Pages : 3

MMPO-007

MANAGEMENT PROGRAMME

(MP)

Term-End Examination

December, 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.*

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1. What is Maintenance Organization (MO) ?
Explain the necessary and interconnected components of (MO). What are the key issues affecting maintenance organization structure ? Discuss.

2. What are the different maintenance strategies ? Briefly explain the factors determining optimal maintenance strategy. What is Maintenance Planning ? Critically examine its purpose.
3. What do you mean by spare part inventory ? Discuss the role of spare part inventory management. What are the best practises of spare parts management ? Explain.
4. What is the role of maintenance management in human resource development ? Explain. Discuss the explicit or implicit expectations of an organization from its employees.
5. What is condition monitoring ? Discuss in brief the various methods of condition monitoring. What are the criteria to be considered while implementing condition-based maintenance ? Explain.

[3]

6. What is Total Productive Maintenance (TPM) ? Explain the twelve steps of TPM development.
7. Write short notes on any *four* of the following :
 - (i) Maintenance 4.0
 - (ii) Predictive Maintenance
 - (iii) RCM Methodology
 - (iv) Preventive *vs.* Breakdown Maintenance
 - (v) Computerized Maintenance Management System (CMMS)

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