

00931

MANAGEMENT PROGRAMME

Term-End Examination

June, 2014

MS-57 : MAINTENANCE MANAGEMENT

Time : 3 hours

Maximum Marks : 100

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- Note :** (i) *Answer any four questions.*
(ii) *All questions carry equal marks.*
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1. (a) Define maintenance. Explain the main components of a maintenance system.
(b) Explain the procedure you will recommend for choosing a suitable maintenance strategy.
2. (a) Explain your understanding about maintenance planning and scheduling.
(b) Discuss the importance of maintenance budgeting. Explain the advantages of Zero Based Budget.
3. (a) Discuss the role of information technology in maintenance management.
(b) Define Reliability, Availability and Maintainability. Discuss the interrelationship among these three.

4. (a) Discuss the relationship among TQM, TPM and Advanced Technology.
(b) Elaborate your understanding about Failure Modes and Effects Analysis (FMEA).
 5. (a) What do you mean by Maintenance Audit ? Explain the steps involved in Maintenance Audit.
(b) Define Condition Based Maintenance (CBM). Explain the economics of CBM.
 6. Write short note on **any four** of the following :
 - (a) Spare Parts Inventory
 - (b) Reliability Centred Maintenance (RCM)
 - (c) Role of HRD in maintenance
 - (d) Terotechnology
 - (e) Maintenance Organisation
 - (f) Safety and Environmental issues in maintenance management
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