

MANAGEMENT PROGRAMME

Term-End Examination

December, 2013

MS-57 : MAINTENANCE MANAGEMENT

Time : 3 hours

Maximum Marks : 100

Note : Answer any four questions. All questions carry equal marks.

1. (a) Write an essay on Total Productive Maintenance.
(b) "Plant shutdowns for equipment over-hauls need to be adequately planned". Why? What will happen if this is not done? What are the various steps of planning of maintenance shutdowns?
2. (a) How can maintenance function help in Risk Management? Differentiate between investigation of incidents and audits.
(b) What steps are needed to introduce and sustain HRD, especially, for maintenance in an organization?
3. (a) Discuss the relationship between emerging technology, maintenance management and TQM.

- (b) What are the functions of a maintenance system ?
- 4.
- (a) Explain the working of a planned maintenance management system.
 - (b) Discuss the goals and objectives of maintenance organization.
- 5.
- (a) Explain what is meant by cost absorption and cost apportionment ? Discuss the methods of cost absorption.
 - (b) Elaborate your understanding about spare parts management.
6. Write short notes on **any four** of the following.
- (a) Reliability Centered Maintenance (RCM)
 - (b) Failure Modes and Effects Analysis (FMEA)
 - (c) BATH- TUB Curve
 - (d) Terotechnology
 - (e) Computerized Maintenance Management System(CMMS)
 - (f) Design - Out - Maintenance.
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