

MANAGEMENT PROGRAMME

Term-End Examination

June, 2012

03761

MS-57 : MAINTENANCE MANAGEMENT

Time : 3 hours

Maximum Marks : 100

Note : Answer *any four* questions.

All questions carry *equal* marks.

1. (a) Define maintenance and its function. What are the main components of maintenance system.
(b) Explain your understanding about 'Maintenance Strategy'.
2. (a) What is maintenance control cycle? Explain its objectives.
(b) Discuss the important components of a maintenance organisation.
3. (a) What are the main sources of collection of maintenance cost? State the procedure with examples for collection of data from these sources.
(b) Name the various modules normally present in CMMS and their functions.

4. (a) Explain the different stages of the life cycle of spare parts.
(b) Define Reliability. Distinguish between a system with components in parallel and in series. Explain the procedures for improving reliability of a system.

 - 5 (a) Discuss the safety and environmental issues in manufacturing organisation. Explain their relationship with maintenance management.
(b) Explain the terms TQC, TQM and TPM. Discuss the relationship amongst them.

 6. (a) "Overhauling of plant and equipment constitutes an important part of the preventive maintenance effort of a manufacturing organisation" - Discuss.
(b) What is the main difference between audits for safety and maintenance ? Explain the steps involved in a Maintenance Audit.
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