

MANAGEMENT PROGRAMME

Term-End Examination

June, 2010

02279

MS-57 : MAINTENANCE MANAGEMENT

Time : 3 hours

Maximum Marks : 100

Note : This question paper contains 7 (seven) questions. Do any five questions. All questions carry equal marks.

1. What are the life cycle cost components for any plant ? How can maintenance affect the life cycle profits of any equipment and plant ?

2. What are the important components of a maintenance organization ? Name the key issues affecting the maintenance organization structure.

3. Briefly describe the concept of reliability, maintainability and availability. Why it is said that 100% reliability of all components of a machine or equipment is not always aimed to achieve ?

4. Discuss the internal customer concept with reference to maintenance activities in a typical Indian Organization. Should maintenance activities be integrated into the operator's daily workload ?
 5. "Overhauling of plant and equipment constitutes an important part of the preventive maintenance effort of a manufacturing organization". Discuss.
 6. What is condition-based maintenance ? What are the key steps involved in implementing condition based maintenance in any plant ?
 7. Write short notes on *any two* of the following :
 - (a) Reliability Centred Maintenance.
 - (b) CMMS Modules.
 - (c) Constant Hazard Model.
 - (d) Importance of Maintenance Audit.
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