

00165

**MANAGEMENT PROGRAMME**

**Term-End Examination**

**June, 2018**

**MS-057 : MAINTENANCE MANAGEMENT**

*Time : 3 hours*

*Maximum Marks : 100*

*Note : (i) Answer any five questions.*

*(ii) All questions carry equal marks.*

1. What type of information you will be looking into before deciding a proper maintenance strategy ? Explain the procedure for choosing a suitable maintenance strategy.
2. What are the important components, goals and objectives of a maintenance organization ? Name the key issues affecting the maintenance organization structure.
3. "The liberalized economy is forcing Indian companies to establish Total Quality Management Systems. It is a struggle, which has just begun and Indian companies will continue to do so just to be in race-lest they perish. Quality will be just a qualifier, not a competitive advantage anymore". Do you agree ? Why ?
4. What is meant by reliability and explain how it is different from quality ? Why is it said that availability is a more practical and appropriate measure of equipment performance ?

5. Explain the basis of identifying and analysing a problem, while making use of vibration monitoring technique. Name some of the instruments used for vibration monitoring.
  6. What are the main differences between audits for safety and maintenance ? State reasons for your opinion as to whether maintenance audit should be mandated by law or not.
  7. Write short notes on **any three** of the following :
    - (a) Basic maintenance planning principles
    - (b) Applications of maintenance costing
    - (c) Relationship between safety and environmental issues and maintenance management
    - (d) Preventive Maintenance
    - (e) Benefits of implementing RCM
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