

**MANAGEMENT PROGRAMME**

**Term-End Examination**

**December, 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 are the characteristics of planned maintenance ? Explain the working of a planned maintenance management system ? Also, highlight the benefits achieved by implementing planned maintenance.
2. What is the importance of maintenance budgeting ? Give the advantages of Zero Based Budget.
3. Many organizations have standing conflicts amongst maintenance and production/operations employees. Describe the nature of these conflicts. What are the main causes ?
4. Explain Time Value of Money. Find out its relevance in engineering operations covering acquisition, use, and retirement of assets relating to any organization of your choice.

5. What is condition based maintenance ? What conditions should be satisfied so that condition based maintenance programme could be implemented ?
  
  6. "Maintenance Audit helps in analysing performance factors and suggest improvements"- Explain this statement with some examples.
  
  7. Write short notes on **any three** of the following :
    - (a) Priorities used for maintenance work
    - (b) Benefits of IT enabled maintenance
    - (c) Maintainability
    - (d) Network planning for a maintenance shut down
    - (e) Significant causes of reduction of equipment utilization
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