

**DIPLOMA - VIEP - MECHANICAL
ENGINEERING (DMEVI)**

Term-End Examination

00596

June, 2015

BIME-028 : MAINTENANCE ENGINEERING

Time : 2 hours

Maximum Marks : 70

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

1. What is the importance of the "Maintenance Department" ? Explain its advantages and disadvantages. 10

2. Briefly explain "shut down maintenance" and "condition based maintenance" with suitable examples. 10

3. List down the types of maintenance organizations and discuss about a suitable organization for Road Transport (Public) Organization. 10

4. Describe briefly the maintenance activities. Also explain the maintenance planning. 10

5. What do you understand by maintainability ? Explain the various factors affecting the maintainability. 10
 6. Write down the maintenance policies, strategies and goals of an industry of your own choice. 10
 7. What are the objectives of inventory control of spare parts ? Explain a suitable technique/method for spare parts inventory control. 10
 8. Briefly describe the various steps involved in "preventive maintenance". 10
 9. What is the need and criterion of evaluation of maintenance management ? Explain. 10
 10. Briefly describe the following : 10
 - (a) Reliability and Quality of Spares
 - (b) Replacement Policies
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