

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

**Term-End Examination**

**June, 2016**

**BIME-028 : MAINTENANCE ENGINEERING**

*Time : 2 hours*

*Maximum Marks : 70*

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

1. What is maintenance ? How can it be classified ?  
Explain any one with suitable examples. 10
2. Explain the factors determining the effectiveness  
of maintenance in an organization. 10
3. What are the maintenance activities ? Explain in  
detail. 10
4. How will you apply information system in  
maintenance planning and scheduling activities ?  
Explain with suitable examples. 10
5. What do you understand by maintainability ?  
Explain the various factors affecting the  
maintainability. 10

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6. Explain how preventive maintenance is better than corrective maintenance. 10
  7. Discuss the economics of maintenance function for a productive system. How can you select the optimum maintenance? 10
  8. What is the need and criterion of evaluation of maintenance management? Explain. 10
  9. What is the importance of reliability? Explain the failure pattern of complex products. 10
  10. Briefly discuss the following : 10
    - (a) Spare parts procurements
    - (b) Replacement policies
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