

**B.Tech. Civil (Construction Management) /
B.Tech. Civil (Water Resources Engineering) /
B.Tech. (Aerospace Engineering)**

Term-End Examination

00038

June, 2016

**ET-524(A)/ET-534(A) : PRINCIPLES OF ENGINEERING
MANAGEMENT AND ECONOMICS**

Time : 3 hours

Maximum Marks : 70

Note : Attempt any seven questions. All questions carry equal marks. Assume any missing data suitably.

1. Write briefly on the characteristics of bureaucratic organisation and its structure. 5+5=10
2. What are the basic purposes of training ? List out the available techniques of management development. Describe briefly any two of them. 4+3+3=10
3. What do you understand by Departmentation ? List the common methods of accomplishing departmentation and give examples of each. 2+8=10

4. Explain the following with its advantages and disadvantages : 3+3+4=10
- (a) Sampling plan
 - (b) Functional organization
 - (c) The line and staff organization
5. Define 'Capital Market' and 'Money Market' with at least five examples of each. Write briefly on 'Interest' as an important portion of financial management. 6+4=10
6. What are the three phases in the decision-making process ? What is the contribution of Herbert Simon in this regard ? 5+5=10
7. What are TEFR and DPR ? Give a list of clearances required for implementing a project. 4+6=10
8. What are the popular types of contract ? What are the different steps in a controlling procedure ? 5+5=10
9. Define 'Value' and 'Value Engineering'. Elaborate Value Engineering as stated by different authors and societies. 5+5=10
10. Describe briefly the importance of Eco-mark for a project. 10