

**III B.Tech II Semester Supplementary Examinations,
November/December 2005
MANAGEMENT SCIENCE**

**(Common to Electrical & Electronic Engineering, Mechanical Engineering,
Computer Science & Engineering, Chemical Engineering, Information
Technology, Mechatronics, Computer Science & Systems Engineering,
Metallurgy & Material Technology, Electronics & Computer Engineering
and Production Engineering)**

Time: 3 hours

Max Marks: 80

**Answer any FIVE Questions
All Questions carry equal marks**

1. Distinguish between effectiveness and efficiency. Discuss the factors, which make an effective manager. [4+4+8]
2. Objectives are multiple. In the light of this statement discuss the nature and significance of objectives in management. [5+5+6]
3. Discuss the factors which should be taken into account in deciding the location of a plant. [8+8]
4. Who performs manpower planning in an organization and what are all the factors to be taken into account? [6+5+5]
5. (a) Do you favour centralized or De-centralized stores system and why?
(b) What are the factors and basic principles to be considered while planning the layout of stores? [4+4+4+4]
6. What is performance rating? Why is it necessary? Explain the various rating techniques. [4+6+6]
7. (a) How can the probabilistic network provide data helpful for managerial decisions
(b) What is critical path analysis? Describe with Illustration its utility in project planning and control. [8+8]
8. Define the terms: [4x4=16]
 - (a) Normal Cost
 - (b) Crash Cost
 - (c) Normal Time
 - (d) Crash Time
