

III B.Tech II Semester Supplementary Examinations, April/May 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. What are the functions performed by a manager in an industrial setting. Explain.
2. Discuss the various steps in the process of planning.
3. What are the basic patterns or types of plant layout? Give a critical appraisal of each.
4. What are the various qualities of HR Manager to perform his job effectively?
5. (a) Elaborate on the concept of Materials management as a profit centre.
(b) Find E.O.Q. from the following data:
Average annual demand 30,000 units
Inventory carrying costs is 12% of the unit value per year
Cost of placing the order is Rs.70/-, Cost/Unit = Rs.2/-.
6. Differentiate between:
(a) Job order production and batch production system.
(b) Mass production and flow production.
7. (a) What are the objectives of network analysis ?
(b) What are the applications of network analysis?
(c) State the differences between PERT and CPM.
8. Give in detail the steps involved in the project crashing.
