

III B.Tech I Semester Supplementary Examinations, November 2006
MANAGEMENT SCIENCE

(Common to Electronics & Instrumentation Engineering, Bio-Medical
 Engineering and Electronics & Control Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Describe the organization using the systems perspective? Explain how systems perspective is used to describe managers' responsibilities. [8+8]
2. Discuss various elements or component parts of planning. [8+8]
3. What is inspection? What are the kinds of inspection? [4+4+4+4]
4. "Job evaluation is an activity done before positioning the man power and Merit rating after man power is positioned" Elucidate. [8+8]
5. (a) What is meant by store keeping? What are its objectives? [4+4]
 (b) What are the various categories of stores? Enumerate the duties of a store keeper [4+4]
6. (a) What is the purpose of work measurement?
 (b) Explain briefly the steps to be followed in work measurement. [8+8]
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. The following information is available about the various activities of a network.

Activity	Normal duration (Days)	Normal Cost (Rs.)	Crash duration (Days)	Crash Cost (Rs.)
1-2	4	4000	3	7000
1-3	4	4000	3	7000
2-3	5	8000	3	10000

Project overhead costs are Rs.2000 per week Determine.

- (a) direct cost duration relation ship
- (b) Total cost duration relationship,
 Also draw the least cost network.
