

Code: 9AHS701

R09

B.Tech III Year II Semester (R09) Supplementary Examinations May/June 2016

MANAGEMENT SCIENCE

(Common to EEE and ECC)

Time: 3 hours

Max Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 What are the social responsibilities of management? Are they relevant in today's business environment?
- 2 What factor do you keep in mind for decentralization and what are its merits and demerits?
- 3 Explain basic procedure involved in method study & work measurement?
- 4 What is meant by product life cycle? What are the market strategies to be followed in each of those stages?
- 5 Explain the concept of manpower planning and state the various sources of recruitment.

- 6 The job of a project with respective time estimates are given in table:

Jobs	Optimistic time	Most likely time	Pessimistic time
1-2	3	6	15
1-6	2	5	14
2-3	6	12	30
2-4	2	5	8
3-5	5	1	17
4-5	3	6	15
6-7	3	9	27
5-8	1	4	7
7-8	4	19	28

- (a) Draw the network and calculate the following:
 - (i) Variance of each job.
 - (ii) Length of the project.
 - (iii) Variance of project
 - (b) What is the probability that the jobs on the critical path will be completed by the due date 42 days?
- 7 Describe in detail the term SWOT analysis. What is its significance in organizations?
 - 8 Explain the overview and scope of ERP for business practices.
