

Code: 9AHS701

R09

B.Tech III Year II Semester (R09) Supplementary Examinations December/January 2015/2016

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 theories of motivation? Briefly explain
- 2 (a) What is meant by Departmentation and decentralization?
(b) Distinguish between formal and informal organization?
- 3 Explain the steps in plant layout. What are the various merits and demerits of process layout?
- 4 (a) Explain the functions of materials manager.
(b) How are the activities need coordination with other functional areas?
- 5 What do you mean by job evaluation? What are its objectives? Explain the various methods of job Evaluation.
- 6 (a) What are the merits of network approach to project management?
(b) Consider the following information about a project:

Activity	Predecessor Activity	t_o	t_m	t_p
A	---	2	4	6
B	---	6	8	10
C	A	1	5	15
D	C	1	5	9
E	B	6	8	10

- (i) Draw the project network diagram.
- (ii) Find the critical path and its length.
- 7 Discuss how environmental scanning helps an organization to formulate strategy.
- 8 What do you understand by Total Quality Management? How does this concept differ from Quality Control Techniques?
