

**II B. Tech II Semester Supplementary Examinations, November - 2019**  
**MANAGEMENT SCIENCE**  
 (Com to EEE, ECE, ECC)

Time: 3 hours

Max. Marks: 70

- Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)  
 2. Answer **ALL** the question in **Part-A**  
 3. Answer any **FOUR** Questions from **Part-B**

**PART -A**

1. a) Define organization? (2M)
- b) Describe operations management? (2M)
- c) Explain role of HR Manager. (3M)
- d) What is meant by network analysis? (2M)
- e) Explain External environment. (2M)
- f) What is six sigma? (3M)

**PART -B**

2. a) Is management an art or science? Justify your answer by enumerating briefly some of the schools of thought on management. (7M)
- b) What are the contributions of modern approach to the management? (7M)
3. a) What are the benefits of Inventory Control? (7M)
- b) State the objectives of method study. (7M)
4. a) What are the methods of performance appraisal in detail? (7M)
- b) Explain how strategies keep changing in time changes in the stages of product life cycle. (7M)
5. a) What is CPM? What are the essential steps in CPM for project planning? (7M)
- b) Details of project are shown in table (7M)

Activity	Normal		Crash	
	Type(days)	Cost in Rs.	Time (days)	Cost in Rs
1-2	6	7000	3	14500
1-3	8	4000	5	8500
2-3	4	5000	1	9000
2-4	5	8000	3	15000
3-4	5	5000	3	11000

Indirect cost is Rs. 3000 per day. Determine optimal project duration and optimal cost of project.

6. a) Explain the concept of corporate planning. Discuss its importance in industrial environment. (7M)  
b) What are the advantages of strategic management? (7M)
7. a) What is Material Requirement Planning Illustrate? What are its pre-requisite inputs? (7M)  
b) What are the main principles of Total Quality Management? Discuss the tools used for continuous improvement. (7M)

