

Code No: 125EF

R15

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year I Semester Examinations, November/December - 2018

MANAGEMENT SCIENCE

(Common to EEE, AE)

Time: 3 hours

Max. Marks: 75

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A

(25 Marks)

- 1.a) What is the relationship between Management and Organization? [2]
- b) By what measures, can business units fulfill social responsibility? [3]
- c) Under what conditions can fixed position layout be adopted? [2]
- d) What are the managerial benefits derived from implementing ABC Analysis? [3]
- e) Distinguish between 'Selection' and 'Recruitment' of employees. [2]
- f) What are the different methods of providing Training to employees? [3]
- g) Briefly explain the significance of Project Management? [2]
- h) How are Activities classified in project management? [3]
- i) Distinguish between goals and objectives. [2]
- j) How is strategic planning different from traditional planning? [3]

PART - B

(50 Marks)

2. Elaborate the evolution and development of Management thought in chronological order. [10]

OR

3. 'A good leader need not necessarily be a good manager' – In the light of the above statement compare leadership with management. [10]

- 4.a) What is meant by 'Process capability'? How can it be determined?
- b) What factors influence the quality of Design? [5+5]

OR

5. Describe the steps in the development of EOQ formula indicating the assumptions made. [10]

6. State and explain the steps involved in recruitment and selection activities in an Organization. [10]

OR

7. Why does work force feel dissatisfaction with the decisions taken by Management? What mechanism would you propose to redress the individual or collective grievances of employees? [10]

8. A project schedule has the following characteristics:

Activity	Time (in days)
1-2	2
1-4	2
1-7	1
2-3	4
3-6	1
4-5	5
4-8	8
5-6	4
6-9	3
7-8	3
8-9	5

Construct the network and find the critical path and time duration of the project. [10]

OR

- 9.a) What are the differences between PERT and CPM approaches in project management?
b) List out the steps to be followed for crashing project completion time. [5+5]

10. Write short notes on the following:

- a) Value chain Analysis
b) Balanced Score card.

[5+5]

OR

11. Answer briefly:

- a) Steps in strategy formulation
b) Bench marking and its benefits.

[5+5]

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