

R13

Code No: 118CR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, June - 2018

MANAGEMENT SCIENCE

(Common to CSE, IT)

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. Write brief answers to the following:

- a) Organization structure. [2]
- b) Systems approach to management. [3]
- c) Business Process Reengineering (BPR). [2]
- d) Six Sigma. [3]
- e) Promotion. [2]
- f) Performance Management System. [3]
- g) Total Float. [2]
- h) Earliest Start Time (EST). [3]
- i) Strategy. [2]
- j) Balanced Scorecard. [3]

PART - B

(50 Marks)

2.a) Discuss the importance of Management in the present-day world.

b) Briefly describe Henry Fayol's principles of management. [5+5]

OR

3.a) Explain Herzberg's Two-Factor Theory of Motivation.

b) Who are the various groups to whom a business organization must discharge its Social responsibility? [5+5]

4.a) What are the features, merits and demerits of Process or Functional Plant layout.

b) Explain the important methods or types of production. [5+5]

OR

5.a) State and explain the objectives of Inventory control.

b) Mention and evaluate the prominent Channels of distribution. [5+5]

6.a) Differentiate between Personnel Management and Industrial Relations.

b) What is Manpower planning? Discuss its objectives. [5+5]

OR

7.a) Enumerate the steps in the process of Selection of employees which is generally followed by corporates.

b) Write a note on "Wage and Salary Administration". [5+5]

- 8.a) What are the applications of Network analysis.
 b) Differentiate between PERT and CPM.

[5+5]

OR

- 9.a) Given the following information, develop a Network.

Beginning Event	Ending Event	Activity
1	2	1--2
1	3	1--3
2	4	2--4
3	4	3--4
3	5	3--5
4	6	4--6
5	6	5--6

- b) What is meant by “Crashing a Network”? Illustrate with an example of your choice by using assumed data.

[5+5]

- 10.a) Explain the relationship between “Mission, Goals and Objectives” of an organization.

- b) Describe the factors to be analysed in the External environment for strategy formulation.

[5+5]

OR

- 11.a) What do you understand by SWOT analysis?

- b) Identify the steps in Strategy formulation and implementation.

[5+5]

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