

R13

Code No: 118CR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, April - 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. Explain briefly:

- a) Management Vs Administration
- b) Functions of Management
- c) Economic Order Quantity (EOQ)
- d) Principles of Plant Layout
- e) Personnel Management Vs HRM
- f) Functions of HRM
- g) PERT
- h) CPM
- i) Vision Vs Mission
- j) Benchmarking

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PART - B

(50 Marks)

- 2.a) Discuss the salient features of Scientific Management as advocated by F.W.Taylor
- b) Explain the principles of Theory X and Theory Y. [5+5]

OR

- 3.a) Explain in detail Maslow's Hierarchy of Needs Theory with the help of an example.
- b) Briefly discuss the various principles proposed by Henry Fayol. [5+5]

- 4.a) Discuss various stages in Product Life Cycle.
- b) Briefly explain what happens in different stages of Product Life Cycle by taking an example of your choice. [5+5]

OR

- 5.a) Examine in detail various types of plant layouts.
- b) Explain in detail the criteria for selecting plant location. [5+5]

- 6.a) Enlist the various differences between Human Resource Management and Human Resource Development.
- b) Briefly explain various steps in manpower planning. [5+5]

OR

- 7.a) Discuss the steps in recruitment process.
- b) What are external sources of recruitment? Briefly explain. [5+5]