

**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 [2]
  - b) Functions of Management [3]
  - c) Economic Order Quantity (EOQ) [2]
  - d) Principles of Plant Layout [3]
  - e) Personnel Management Vs HRM [2]
  - f) Functions of HRM [3]
  - g) PERT [2]
  - h) CPM [3]
  - i) Vision Vs Mission [2]
  - j) Benchmarking [3]

**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]

- 8.a) Discuss the important features of Project Management  
b) Explain the steps involved in Project Management Planning Process. [5+5]

**OR**

- 9.a) Write short notes on Project Formulation.  
b) Briefly explain how conflicts can be resolved in project teams. [5+5]

- 10.a) How goals are different from objectives?  
b) Explain in detail the concept of SWOT Analysis. [5+5]

**OR**

- 11.a) Explain various steps in Strategy Formulation.  
b) Discuss important aspects of Balanced Scorecard. [5+5]

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