

Code No: 115EF

R13

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year I Semester Examinations, May - 2018

MANAGEMENT SCIENCE

(Common to AE, EEE)

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 a brief note on each of the following:

a) Organization

[2]

b) Theory Y

[3]

c) Work measurement

[2]

d) JIT system

[3]

e) HRD

[2]

f) Selection

[3]

g) Project

[2]

h) Project crashing

[3]

i) Goals

[2]

j) Strategy

[3]

PART - B

(50 Marks)

2.a) Outline the significance of Taylor's scientific management.

b) Distinguish between the departmentalization and decentralization.

[5+5]

OR

3.a) Describe the importance of management.

b) What are the steps involved for designing an organization structure? Explain.

[5+5]

4.a) What are the methods of production? Elucidate.

b) Explain the various stages of product life cycle.

[5+5]

OR

5.a) Bring out the importance of six sigma.

b) Narrate the advantages and limitations of ABC analysis.

[5+5]

6.a) Elucidate the various methods of recruitment.

b) Explain the objectives of wage and salary administration.

[5+5]

OR

7.a) Enumerate the procedure of grievance handling.

b) What are the capability maturity model levels? Explain.

[5+5]

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- 8.a) How are 'Activities' classified? Establish their relationship.  
b) Explain the concepts 'EST, EFT, LST, LFT', 'free float' and 'Independent float'. [5+5]

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9.a) Narrate the importance of project cost analysis.  
b) Enumerate the procedure of PERT. [5+5]

- 10.a) Discuss the objectives of value chain analysis.  
b) Elucidate the importance of environmental scanning. [5+5]

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11.a) Explain the various forms of strategy programmes.  
b) Outline the merits and demerits of generic strategy alternatives. [5+5]

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