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Code No: 125EF

R15

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

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

MANAGEMENT SCIENCE

(Common to AE, EEE)

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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.

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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]

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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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