

## III B. Tech II Semester Supplementary Examinations, November - 2019

## MANAGEMENT SCIENCE

(Electrical and Electronics Engineering)

Time: 3 hours

Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)2. Answering the question in **Part-A** is compulsory3. Answer any **THREE** Questions from **Part-B**

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**PART -A****(22 Marks)**

- 1 a) Explain about organization structure. [3M]  
 b) Discuss about the control charts. [4M]  
 c) What is HRD? [4M]  
 d) What is network analysis? [4M]  
 e) Define strategy. [3M]  
 f) What is MIS? [4M]

**PART -B****(48 Marks)**

- 2 a) Define decision making. Explain the steps involved in decision making process. [4M]  
 b) Explain any two theories of motivations. [8M]  
 c) What are the principles of organization? [4M]
- 3 a) Subgroups of five items are taken from a manufacturing process at regular intervals. A certain quality is measured and  $\bar{X}$  and R values computed for each sub group. After 10 sub groups:  $\Sigma \bar{X} = 76$  and  $\Sigma R = 26$ . Compute the control chart limits. [8M]  
 b) Explain the need and significance of inventory control. [4M]  
 c) Discuss the different types of ABC analysis. [4M]
- 4 a) What is recruitment? Explain different recruitment methods in present scenario. [8M]  
 b) Define channels of distribution. Explain its significance and functions. [8M]
- 5 a) What are the three time estimates needed for drawing a PERT network? [8M]  
 b) What do you mean by floats? Explain the managerial implications of floats. [8M]
- 6 a) Explain the environmental scanning. What are its merits and demerits? [8M]  
 b) Compare and contrast between strategic planning and operational planning. [8M]
- 7 a) What is MRP? Explain the advantages and disadvantages of MRP. [8M]  
 b) Explain about Bench marking and Balanced score card. [8M]

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