

Code No: RT22043

**R13****SET - 1****II B. Tech II Semester Supplementary Examinations, November - 2018****MANAGEMENT SCIENCE**

(Electronics and Communications Engineering)

Time: 3 hours

Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)2. Answer **ALL** the question in **Part-A**3. Answer any **THREE** Questions from **Part-B**

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**PART -A**

1. a) Explain principles of organization. (4M)
- b) What are the benefits of Statistical Quality Control? (4M)
- c) Write objectives of merit rating. (3M)
- d) What is environmental scanning? (3M)
- e) Explain various ethical issues in finance. (4M)
- f) Briefly explain Six Sigma and capability maturity model. (4M)

**PART -B**

2. Explain the concept of Motivation? And discuss the Theories of Motivation? (16M)
3. A manufacturer has to supply his customers 600 units of his products per year. Shortages are not allowed and the inventory carrying cost amount to Rs:0.6/- per unit per year. The set up cost per run is Rs:80/-. Find: (16M)
  - a) Economic Order Quantity
  - b) Minimum Average Yearly cost
  - c) Time between two orders and optimal number of orders per year
4. "Human resource management is like key function in management process". Justify your answer. (16M)
5. Define strategy. Explain various Steps in Strategy Formulation, Implementation and Evaluation. (16M)
6. Define management ethics. Explain various ethical issues in operation management and HRM. (16M)
7. a) Explain the seven principles of Michale Hammer relating to Re-Engineering. (10M)
- b) Briefly explain Enterprise Resource Planning. (6M)