

Code No: RT42052

**R13**

**Set No. 1**

**IV B.Tech II Semester Supplementary Examinations, July/August - 2017**

**MANAGEMENT SCIENCE**

**(Common to Computer Science & Engineering, Information Technology and Automobile Engineering)**

**Time: 3 hours**

**Max. Marks: 70**

*Question paper consists of Part-A and Part-B*

*Answer ALL sub questions from Part-A*

*Answer any THREE questions from Part-B*

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**PART-A (22 Marks)**

1. a) Explain the functions of management. [4]
- b) Distinguish between c chart and p chart. [4]
- c) Discuss wage payment plans. [4]
- d) What is project crashing? [3]
- e) Define vision and mission of strategic management. [4]
- f) What is business process re-engineering? [3]

**PART-B (3x16 = 48 Marks)**

2. a) Explain Herzberg's Two-Factor Theory of Motivation. [8]
- b) What is the need for organization structure? State any four differences between formal and informal organization structures. [8]
3. a) What are the costs associated with effective inventory control? How would you deal with them in modern management? [8]
- b) What do you mean by work study? How do you measure it? [8]
4. a) Discuss the functions of HR manager in an industrial setting? Explain. [8]
- b) Explain the importance of channels of distribution in marketing. [8]
5. a) What are the rules for constructing network diagrams? [8]
- b) Explain the difference between PERT and CPM. [8]
6. Describe the elements of corporate planning process in the industrial environment. [16]
7. Write short notes on the following:
  - i. Total Quality Management(TQM)
  - ii. Enterprise Resource Planning (ERP),
  - iii. Business Process outsourcing (BPO)[16]

