

Code No: 57034

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, December - 2014

MANAGEMENT SCIENCE

(Common to ECE, ETM, MMT)

Time: 3 Hours

Max. Marks: 75

**Answer any Five Questions
All Questions Carry Equal Marks**

- 1.a) Briefly explain Henry Fayol's Fourteen Principles of Management.
- b) Explain the salient features of F.W. Taylor's Scientific Management.
2. Describe any five organizations structures and their merits and demerits.
- 3.a) What is Operations Management? And explain different methods of production.
- b) Describe the salient features of Work Study and Method Study.
- 4.a) What is inventory control? Explain the ABC selective control technique and its policy implications.
- b) What is product life cycle? And explain the different channels of distribution.
- 5.a) Describe the Evolution of HRM and explain the functions of HR Manager.
- b) Explain the objectives of training and describe the importance and purposes of performance appraisal.
- 6.a) What is PERT? And explain the identification of Critical Path.
- b) Explain the significance of Project Cost Analysis and Project Crashing.
- 7.a) Explain the objectives of Strategic Management and describe the elements of corporate planning process.
- b) What is SWOT Analysis? And explain the Generic Strategy Alternatives.
- 8.a) What is TQM? And explain Six Sigma and Capacity Maturity Model.
- b) What is Value Chain Analysis? And explain the concepts of ERP and BPO.

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