

**R09**

**Code: 9AHS701**

B.Tech IV Year I Semester (R09) Supplementary Examinations June 2016

**MANAGEMENT SCIENCE**

(Common to ECE, E.Con.E & EIE)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions

All questions carry equal marks

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- 1 Describe the evolution of management thought. Also state the salient features of modern management.
  - 2 (a) Explain and illustrate authority and responsibility. How do you relate and differentiate them?  
(b) Explain how you resolve the conflicts between line managers and staff managers.
  - 3 What is a fixed position layout and under what conditions you adopt it? Explain.
  - 4 Explain the following terms with the help of a neat diagram.  
(a) Economic order quantity and lead time.  
(b) Safety stock and Re-order point.
  - 5 (a) Discuss the major functions of personnel management.  
(b) Discuss the concept of Job Analysis.
  - 6 Prepare the Network and determine the earliest time, latest time and slack for activity. Also identify the critical path.
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|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Activity           | 1-2 | 1-3 | 1-4 | 2-5 | 2-8 | 3-6 | 4-6 | 4-7 | 5-8 | 6-8 | 6-9 | 7-9 | 8-10 | 9-10 |
| Duration (in days) | 6   | 3   | 5   | 4   | 5   | 7   | 4   | 6   | 3   | 4   | 3   | 2   | 6    | 5    |
- 7 Discuss how environmental scanning helps an organization to formulate strategy.
  - 8 How does TQM award model help in the process of bench marking? Explain.

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