

Code: 9AHS701

B.Tech III Year II Semester (R09) Supplementary Examinations December/January 2014/2015

**MANAGEMENT SCIENCE**

(Common to EEE and ECC)

Time: 3 hours

Max Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 Compare and contrast the Fayol's principals of management and Taylor's scientific management theory.
- 2 What is organization? Explain the significance of organization chart for a unit.
- 3 Define control chart. What is the importance of control charts in controlling the quality of a product?
- 4 (a) Describe the various stages of product life cycle.  
(b) Explain how strategies keep changing in time with changes in the stages of product life cycle.
- 5 What are the two basic methods of payment of wages? Explain the merits and demerits of the two methods.
- 6 Prepare the network and determine the earliest time, latest time and slack for activity. Also identify the critical path.

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 (a) Define Mission. Explain the components of mission statement.  
(b) What do you understand by strategic business unit? Discuss its role and relevance in corporate planning.
- 8 (a) Define business process re-engineering. Explain the advantages of re-engineering.  
(b) What are the characteristics of BPR?

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