

Code: 9AHS701

B.Tech IV Year II Semester (R09) Advanced Supplementary Examinations June/July 2016

MANAGEMENT SCIENCE

(Common to CSE, IT & CSSE)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 State and explain the Taylor's scientific management.
- 2 (a) What do you understand by decentralization?
(b) How do you determine the need for decentralization? Explain.
- 3 What are the factors influencing the fixed layout? List out its advantages and disadvantages.
- 4 What are the duties, functions and responsibilities of a purchasing manger?
- 5 Explain the concept of manpower planning and state the various sources of recruitment.
- 6 Given the cost and time data for a particular project. Determine the optimal cost schedule for the project by drawing project schedule Vs total cost. Overhead cost is Rs50 per day.

| Activity | Normal time | Normal cost(Rs) | Crash time | Crash Cost (Rs) |
|----------|-------------|-----------------|------------|-----------------|
| 1-2 | 3 | 180 | 1 | 220 |
| 2-3 | 4 | 130 | 2 | 180 |
| 2-4 | 7 | 80 | 1 | 120 |
| 3-4 | 5 | 80 | 1 | 140 |
- 7 What are the factors of external and internal environment to be considered while formulating the strategy?
- 8 Explain the overview and scope of ERP for business practices.
