Code: CE5T6FE1, CS5T5FE2, EC5T6FE4, EM5T6FE3, IT5T5FE4

III B.Tech - I Semester – Regular Examinations – November 2015

INDUSTRIAL MANAGEMENT
(Common for CE, CSE, ECE, ECM, IT)

Duration: 3 hours   Max. Marks: 70

Answer any FIVE questions.   All questions carry equal marks

1. a) Define Industrial Engineering. Explain its applications.

7 M

   b) Explain Quantitative tools of Industrial Engineering role and Productivity measurement.   7 M

2.   Explain about
   a) Line, Line and Staff organizations with a neat sketch. What are their merits, demerits and suitability.   7 M

   b) Explain Matrix and Virtual organizations with a neat sketch. What are their merits, demerits and suitability.

7 M

3. Define Leadership. What are its types and explain merits and demerits of each?   14 M

4. What is Production? Explain about various types of production in detail.   14 M

5. a) What is method study? Explain the steps involved in method study with the help of a flow diagram.   8 M

b) Differentiate between micro motion and memo motion studies.   6 M

6. a) What is Time study? Explain about different rating techniques.   8 M

b) What are the different Allowances in calculating Standard time? Explain.   6 M

7. a) Define critical path. State the steps involved in determining critical path.   8 M

b) Differentiate between PERT and CPM.   6 M

8. a) Explain about various types of inspections.   8 M

b) What is Acceptance sampling? What is the difference between single and double sampling plans?   6 M