Seventh Semester B.Tech. Degree Examination, October 2011
(2008 Scheme)
08.701 : INDUSTRIAL MANAGEMENT (TA)

Time : 3 Hours

Max. Marks : 100

Instructions: 1) Part-A : Answer all questions. Each question carries 4 marks.
2) Part-B : Answer one full question from each Module. Each full question carries 20 marks.

PART – A

(10×4=40 Marks)

1. How did Industrial Engineering emerge?
2. What are different types of facilities layout? Explain.
3. Enlist the different organizational structures with neat sketches.
4. What are the different types of companies?
5. How do the factors of site selection are classified?
6. What are the properties of line layout?
7. What are the components of standard time? Use graphical representation.
8. Explain any four assumptions in basic inventory model.
9. How do Six Sigma help to achieve competitiveness?
10. What are quality circles?

PART – B

Module – I

11. a) Explain the evolution of scientific management.
    b) Discuss the objectives and functions of management.

OR

P.T.O.
12. a) The total sales of M/s. XYZ company were Rs. 30,000 from which they earned a profit of Rs. 800 in a week. Next week sales amounted to Rs. 38,000 producing a profit of Rs. 2400. What should be the break-even point? If the profit has to be Rs. 4,000, what should be the sales revenue? 10

b) In how many ways the reliability of an assembled product can be improved? Explain with illustrations. 10

Module – II

13. a) Explain the factors influencing supply chain facility decisions. 10

b) Discuss transportation modes, styles and networks. 10

OR

14. a) Explain any five objective factors influencing the selection of facility location for an automobile assembly unit. 10

b) Compare and contrast process layout and product layout to bring about the benefits and drawbacks. 10

Module – III

15. a) Explain workers’ participation in management in Indian context. 10

b) Discuss total quality management in the success of an industry. 10

OR

16. Write notes on:

a) Industrial disputes and methods to solve disputes.

b) Health hazards and industrial safety.

c) Selective inventory control techniques.

d) Control charts for variables.

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