



Reg. No. :

Name :

**Seventh Semester B.Tech. Degree Examination, November 2013
(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



1. Explain the functions of management.
2. What are the significances of break-even analysis in industrial engineering ?
3. Explain exponential method of finding out depreciation.
4. Discuss different material handling equipments.
5. Enlist the steps in method study. What are the tools that help in each step ?
6. What are the different allowances and how do they contribute to the standard time ?
7. What is 'fatigue' ? How is it eliminated ?
8. Explain batch production and job production.
9. Explain cost of quality.
10. Discuss different ISO standards in environmental protection. **(10x4=40 Marks)**



PART – B

MODULE – I

11. a) Explain the functions of personal management. 10
b) Explain any two functions of management. 10

OR

12. a) Discuss the process of employee selection and training. 10
b) Explain break-even analysis with the help of a neat diagram. Mark the region of loss and profit in the diagram. 10

MODULE – II

13. a) Explain systematic layout planning. What are the software packages available for layout planning? 10
b) Explain how work measurement is established for an existing job. 10

OR

14. a) Explain principles of material handling. 10
b) Discuss different charts, diagrams, and their use in method study. 10

MODULE – III

15. a) What are the features of mass and continuous production? What type of layout are preferred in each case? Why? 10
b) Derive the basic EOQ equation from the basic principles. 10

OR

16. Write notes on : 20
a) TQM
b) Six Sigma
c) Quality circles
d) Product life cycle.