



Reg. No. :

Name :

Sixth Semester B.Tech. Degree Examination, June 2015

(2008 Scheme)

08.604 : INDUSTRIAL ENGINEERING AND MANAGEMENT (E)

Time : 3 Hours

Max. Marks : 100

Instructions : Answer **all** questions from Part – A and **any one** questions from Modules 1, 2 and 3 of Part – B.

PART – A

(10×4=40 Marks)

1. Differentiate between line and staff organisational structure.
2. State the features of a good organisation.
3. Define personnel management and its objectives.
4. Explain the scope of financial management.
5. State the benefits of suburban area for an industry.
6. What are the benefits of method study.
7. State the desirable features of a good wage system.
8. Define industrial fatigue and discuss the methods of eliminating it.
9. What are the objectives of TQM ?
10. Explain product life cycle.



PART – B

Module – I

11. a) Describe the planning, controlling and organising function of management. **10**
b) State the objectives, benefits and limitations of co-operative organisation. **10**
12. a) Discuss the steps involved in employee selection. **10**
b) What do you mean by working capital ? What are the factors affecting it ? **10**

**Module – II**

13. a) What are the different methods of plant layout ? Explain any two types of layout with it application. 10
- b) Explain the various types of allowances to be considered in estimation of standard time. 10
14. a) Write short notes on
- i) SIMO chart
 - ii) Multiple activity chart
 - iii) Flow diagram 9
- b) Explain the objectives of job evaluation. What are the common methods of job evaluation ? Critically examine each method. 11

Module – III

15. a) Differentiate job order production and batch production system. 10
- b) What is economic order quantity ? Derive the formula for determining EOQ. 10
16. a) Explain briefly the various control charts used in quality control. 10
- b) Define marketing. Describe the various functions of it. 10