



Reg. No. : .....

Name : .....



**Sixth Semester B.Tech. Degree Examination, April 2014**  
**(2008 Scheme)**

**08.604 : INDUSTRIAL ENGINEERING AND MANAGEMENT (E)**

Time : 3 Hours

Max. Marks : 100

**Instruction :** 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. Enumerate the scope and objectives of Industrial engineering.
2. Explain policy, goal and objective giving example.
3. Enumerate the benefits of training.
4. What is a flow pattern in connection with a plant layout ?
5. Define standard time. How is it different from normal time.
6. Distinguish between financial and non financial incentives.
7. What do you mean by collective bargaining ?
8. Explain ISO 9000 and ISO 14000 series of standardisation.
9. Explain the concept of bench marking.
10. What are the functions of marketing ?

**PART – B****Module – I**

11. a) What are the different functions of management ? Explain each.
- b) Explain the Line and Staff organizational structure bringing out its merits and demerits.
12. a) Explain the role of man power planning in human resource management.
- b) What do you mean by depreciation ? Describe any two methods of calculating depreciation.

**Module – II**

13. a) Explain product layout and process layout. State the factors which influence the selection of one or the other.
- b) State the objectives of method study and explain the steps involved in method study.
14. a) Differentiate time rate and piece rate systems of wage payment plan.
- b) What is job evaluation ? What are its objectives ? Describe the various methods of evaluating jobs.

**Module – III**

15. a) What are the causes of industrial disputes ? How they are settled ?
  - b) Explain how production, planning and control are related to each other.
  16. a) Define materials management. Explain its objectives and functions.
  - b) Explain the various stages in the life of a product.
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