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3005

Reg. No. : .....

Name : .....

**Seventh Semester B.Tech. Degree Examination, June 2009**  
**INDUSTRIAL ENGINEERING AND MANAGEMENT (E)**

Time : 3 Hours

Max. Marks :100

- Instructions :** 1) The question paper consists of **two** Parts - Part – A and Part – B.  
2) Answer **all** questions from Part – A and **one** question from **each** module of Part – B.  
3) Questions from Part – A carry **4** marks **each** and those under Part – B carry **20** marks **each**.

**PART – A**

1. Define a system. What are the components of a management system ?
2. Explain the need of training in Industries.
3. What are the different types of Accounts in double entry book-keeping ?
4. What is a product layout ? Explain with example.
5. What are the allowances considered in calculating standard time for doing an activity ?
6. What is meant by Job evaluation ? Explain its importance.
7. Differentiate between time-rate and piece rate wage system.
8. What are the methods of eliminating Industrial fatigue ?
9. Define Inventory. What are the different types of Inventory ?
10. What is meant by marketing Mix ?

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**PART – B**

**Module – I**

11. a) Describe a brief history of the development of management thoughts.
- b) Distinguish between line, and line and staff organisation structure. State its merits and demerits.
12. a) What are the important functions of Personnel Management.
- b) What is meant by budgetary control ? How does it help in achieving efficient management ?

**Module – II**

13. a) Explain various types of computerised layout planning systems.
- b) What are the essentials of good wage incentive plans ?
14. a) What are the principles of motion economy ?
- b) What are the important material handling equipment commonly used in industries ? Explain briefly.

**Module – III**

15. a) What are methods suitable for eliminating 'fatigue' in Industries ?
- b) Describe 'Industrial Safety'.
16. a) Describe 'ABC' Analysis.
- b) What are the components of Quality Information Systems (QIS) ?
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