



Reg. No. : .....

Name : .....

**Sixth Semester B.Tech. Degree Examination, May 2011  
(2008 Scheme)**

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

Time : 3 Hours

Max. Marks : 100

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

**PART – A**

**(10×4=40 Marks)**

1. Discuss the managerial skills required for a successful manager.
2. Differentiate authority and responsibility.
3. State the benefits of man power planning.
4. List out the objectives of financial management.
5. State the reasons for the location of iron and steel industry in Bihar.
6. Define method study and work measurement.
7. State the desirable characteristics of good wage system.
8. What are the effects of industrial dispute in an industry ?
9. Explain any two control charts used in quality control.
10. Explain marketing mix.

**PART – B**

**Module – I**

11. a) Describe Henry Fayol's principle of scientific management. **10**
- b) What is public limited companies ? State its advantages and limitations. **10**

**P.T.O.**





12. a) Discuss the types of training given to various workers in an organisation. 10  
b) What are the different sources of working capital. Explain the working capital cycle? 10

### Module – II

13. a) Define plant layout. State and explain the principles of plant layout. 10  
b) Explain the utility of an outline process chart in method study. Differentiate outline process chart and flow process chart. 10
14. a) Name the various wage payment plans. Describe any two of them. 10  
b) What is merit rating? Why is it necessary? Explain the various methods. 10

### Module – III

15. a) Explain the various functions of production planning and control. 12  
b) Explain the concept of quality control and TQM. 8
16. a) Describe the various function of marketing briefly. 10  
b) Define the terms CPM and PERT. State their objectives. 10
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