

SAMPLE QUESTION PAPER
SEVENTH SEMESTER ELECTRICAL AND ELECTRONICS ENGINEERING
13.705 INDUSTRIAL ENGINEERING & MANAGEMENT

Time -3 hrs

maximum: 100 marks

Part A

(Answer all questions)

Each question carries 2 marks

(10x 2=20 marks)

1. What is working capital?
2. What are the elements of cost?
3. Distinguish between recruitment and selection.
4. What are the objectives of financial management?
5. Define depreciation.
6. Distinguish between job evaluation and merit rating.
7. What is standard time of an operation? How it is determined.
8. What are the methods of eliminating fatigue?
9. Briefly explain product life cycle.
10. What is ISO 14001?

Part B

Module I

11. a) Explain different functions of management. 10
 - b) Briefly describe different types of organisational structure. 10
- OR
12. a) Explain different functions of personnel management. 10
 - b) Explain Break even analysis with the help of a neat diagram 10

Module II

13. a) What are the major sources of finance? 10
- b) With neat diagram explain different types of plant layout. 10

OR

14. a) Explain different methods of calculating depreciation. 10
- b) Discuss various methods of merit rating. 10

Module III

15. a) What is fatigue and what are the methods of eliminating fatigue? 10
- b) Discuss various methods for eliminating industrial disputes. 10

OR

16. a) What is inventory and explain inventory control techniques. 10
- b) Explain functions and objectives of production planning and control. 10

Module IV

17. a) Distinguish between control chart for variables and control chart for attributes. 10
- b) What is six sigma concept and its significance. 10
18. a) Explain quality management using ISO 9001. 10
- b) Distinguish between PERT and CPM . 10