

B.E. (EE) Part-III 6th Semester Examination, 2007

Industrial Management
(ME - 605)

Time : 3 hours

Full Marks : 100

Use separate answerscript for each half.

Answer SIX questions, taking THREE from each half.

The questions are of equal value.

FIRST HALF

1. a) Define management. Discuss the principles of Scientific management. Mentioning the responsibility and authority, list the levels of management.
b) What are the different functions of management? Considering the steps of planning, and principles of effective planning discuss the planning function of Management.
2. a) What are the factors of Facility Location (Plant location)?
b) For setting up a software company discuss how a suitable site for plant is selected?
3. a) Write down different types of Plant layout (Facility Layout).
b) Enumerate the activities of Production Planning and Control (PPC).
4. a) Write down the different types of inventories. Starting from the basic assumptions develop a relation/formula for Economic Ordering Quantity (E.O.Q.).
b) Define :
(i) Wages, (ii) Nominal Wages, (iii) Real Wages, (iv) Living Wages, (v) Fair Wages.
5. Write short notes on any three of the following :
 - i) Types of Production
 - ii) Incentives and Bonus
 - iii) Functions of Inventories
 - iv) Objectives of PPC
 - v) Principles of Facility (Plant) layout.

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SECOND HALF

6. a) What are steps of planning? Explain briefly.
b) Write down the difference between strategic planning and corporate planning.
c) “Planning is looking ahead, and control is looking back” – Explain.

7. a) What do you understand by the term Formal and Informal organization? Write down the advantages of each.
b) Describe with chart the various types of organization structures and discuss their advantages and disadvantages.

8. a) Write different element of planning?
b) What are different types of planning? Explain each type of planning.

9. a) Define the terms Inspection and Quality Assurance.
b) What is meant by quality of product/service?
c) What do you mean by ISO 9000?

10. a) Explain the term Total Quality Management? What are the basic philosophy and concepts of TQM? Explain the Tools and Techniques of TQM.
b) Quality is a Major Business Management strategy? Justify the statement.

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