Code :R7320301

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III B.Tech II Semester(R07) Regular & Supplementary Examinations, April/May 2011
INDUSTRIAL MANAGEMENT
(Mechanical Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks
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1. What are the managerial functions ?How are they integrated?

2. (a) Discuss the features of a cellular organization.

    (b) Write the short notes on team structure.

3. Explain matrix approach for selection of plant with neat sketches.

4. Enumerate the steps involved in the basic work study procedure.

5. (a) Define: (i)Inventory (ii)Inventory control. State the functions of inventories.

    (b) Describe importance of inventory control.

6. (a) Define the term CPM and PERT. State their objectives.

    (b) What are types of Network techniques?

7. (a) Difference between quality control and inspection.

    (b) What are the objectives of inspection?

8. Explain the various methods of job evaluation.

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Code :R7320301

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III B.Tech II Semester(R07) Regular & Supplementary Examinations, April/May 2011
INDUSTRIAL MANAGEMENT
(Mechanical Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks
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1. Explain the contributions of Fredric W.Taylor in the area of scientific management and its utility to modern managers.

2. Discuss the feature of line and staff organization with a chart.

3. Define plant layout. Discuss the objectives of plant layout.

4. List the various process chart symbols and explain them with suitable examples.

5. What is Economic order quantity? Derive the formula for determining EOQ?

6. (a) What is CPM? What are the essential steps in CPM for project planning?
   (b) Differentiate between CPM and PERT.

7. (a) Define inspection.
   (b) What are the kinds of inspection and explain?

8. Describe "Factor comparison" method of job evaluation its merits and demerits.

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III B.Tech II Semester(R07) Regular & Supplementary Examinations, April/May 2011
INDUSTRIAL MANAGEMENT
(Mechanical Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks
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1. Define management. Explain the functions of management.

2. What is an organization? What are the principles of a sound organization? Distinguish between the traditional and modern organizations?

3. What are the primary and secondary factors considering in the plant location?

4. List the 26 principles of motion economy.

5. Name the various inventory control systems. Explain any two of them brief.

6. Write short notes on:

    (a) Network diagram

    (b) Float or Slack

    (c) Critical path

7. What is the role of statistics in quality control? Give examples of the situations where statistics is applicable and where it not applicable.

8. (a) What is merit rating? Why it is necessary?

    (b) Differentiate between job evaluation and merit rating.

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III B.Tech II Semester(R07) Regular & Supplementary Examinations, April/May 2011
INDUSTRIAL MANAGEMENT
(Mechanical Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks
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1. Explain the nature and features of management.

2. Explain the word Departmentalism and Explain about the factors considering to classify the departmentalism.

3. Explain and state the limitations, advantages and disadvantages of process layout.

4. Give the basic procedure involved in work study.

5. Describe:

    (a) Two bin system

    (b) Periodic inventory ordering system.

6. What is PERT? Define optimistic time, pessimistic time and most likely time and explain how will estimate the expected time to complete the activity in PERT technique.

7. (a) Explain the variations occurring in products manufactured by an Industry?

    (b) What the measures of control tendency?

8. State and describe the various methods pf merit rating in briefly?

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