

Code No: V3208

R07

Set No: 1

III B.Tech. II Semester Supplementary Examinations, April/May – 2013

MANAGEMENT SCIENCE

(Common to EEE, ECE, CHEM, E.COMP.E)

Time: 3 Hours

Max Marks: 80

**Answer any FIVE Questions
All Questions carry equal marks**

1. a) What is Management? What are the functions of Management?
b) Explain Maslow's theory of Motivation.
2. a) Discuss briefly the bases of Departmentation?
b) Differentiate between Line and Staff Organization.
3. a) Describe Product layout.
b) How do you carry out Method Study?
4. a) What are the steps in Purchasing Process?
b) Explain with the help of diagram, the stages in Product life-cycle.
5. a) Explain briefly the steps in Selection Process.
b) What are the different methods of Training?
6. a) What is Network Analysis? What are the advantages of using Networks?
b) Explain the concepts PERT and CPM.
7. a) What are the characteristics of a Mission Statement?
b) Describe the elements of Corporate Planning Process.
8. a) What is Just-In-Time (JIT) System? What are its benefits?
b) Explain Six Sigma.



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Set No: 2

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MANAGEMENT SCIENCE

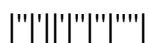
(Common to EEE, ECE, CHEM, E.COMP.E)

Time: 3 Hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. a) Discuss the nature and importance of Management.
b) Explain Henry Fayol's Principles of Management.
2. a) What is Decentralization? What are its merits and demerits?
b) Explain the meaning of "Line and Staff" system of organization.
3. a) Compare Process and Product layouts.
b) What are the objectives of Work study?
4. a) What is Economic order quantity? Derive a formula to determine it.
b) Describe the functions of Marketing.
5. a) Explain the need for Training in organizations.
b) What are the various sources of Recruitment?
6. a) What are the applications of Network Techniques?
b) What is the importance of cost analysis in Project management?
7. a) Describe briefly the elements of Corporate Planning Process.
b) Explain what SWOT analysis is.
8. a) What is meant by Total Quality Management (TQM).
b) What is Bench Marking? How is it useful?



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Set No: 3

III B.Tech. II Semester Supplementary Examinations, April/May - 2013

MANAGEMENT SCIENCE

(Common to EEE, ECE, CHEM, E.COMP.E)

Time: 3 Hours

Max Marks: 80

**Answer any FIVE Questions
All Questions carry equal marks**

1. a) Describe F.W. Taylor's Scientific Management.
b) What are the Social responsibilities of business?
2. a) What is Departmentation. Explain its importance.
b) Discuss the characteristics, merits and demerits of Matrix organization.
3. a) Explain Job, Batch and Mass production.
b) What are the objectives of Work study?
4. a) Illustrate ABC Analysis as a tool of Inventory control.
b) What is marketing? What are the elements of marketing mix?
5. a) Explain Off-the-job training methods.
b) Evaluate briefly various Performance appraisal methods.
6. a) What are the objectives and applications of Network Analysis?
b) Explain the terms CPM and PERT
7. a) What is Corporate planning? What are the elements of Corporate planning?
b) Describe briefly the steps in Strategy formation and implementation.
8. a) What is Supply Chain Management?
b) Discuss Enterprises resource planning (ERP)?



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Set No: 4

III B.Tech. II Semester Supplementary Examinations, April/May – 2013

MANAGEMENT SCIENCE

(Common to EEE, ECE, CHEM, E.COMP.E)

Time: 3 Hours**Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

1. a) Define Management. What are the functions of Management?
b) Explain Herzberg's Two-Factor Theory of Motivation.
2. a) Describe the bases of Departmentation.
b) What are the merits and demerits of Line and Staff Organization?
3. a) Explain the factors to be considered in selecting a Plant location.
b) Discuss the importance of Statistical quality control in industry.
4. a) What are the steps in Purchasing process?
b) Discuss the importance of Statistical quality control in industry.
5. a) Explain how Personnel management is different from HRM.
b) Describe the important stages in Manpower planning function.
6. A Project has the following time schedule

Activity	Time in months	Activity	Time in months
(1 – 2)	2	4 – 6	3
(1 – 3)	2	5 – 8	1
(1 – 4)	1	6 – 9	5
(2 – 5)	4	7 – 8	4
(3 – 6)	8	8 – 9	3
(3 – 7)	5		

Construct network and compute (i) Total float for each activity and (ii) Critical path and its duration.

7. a) Explain the concepts Mission, Goals, Objectives and Strategy.
b) What do you understand by SWOT ANALYSIS?
8. a) What is Total Quality Management (TQM)? Explain how products are developed in TQM environment.
b) Explain about Business Process Outsourcing (BPO)

