

Code No: R32026

R10

Set No: 1

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

**MANAGEMENT SCIENCE**

(Comm to EEE,ECE,CSE,CHEM,EIE,BME,IT)

**Time: 3 Hours**

**Max Marks: 75**

Answer any FIVE Questions  
All Questions carry equal marks

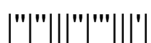
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1. Define Management? Explain Henry Fayol's principles of management.
2. What is plant layout? Explain the types of plant layout.
3. What are the differences between Human Resource Management and Personal Management and Industrial Relations?
4. From the following information:
  - (a) Draw the project network and find critical path.
  - (b) Calculate earliest starting times and earliest finished times for each activity.
  - (c) Determine Total, Free and Independent floats.

Activity	Immediate Predecessor	Duration
A	-	3
B	-	4
C	A	5
D	A	7
E	B, C	3
F	B, C, D	6

5. Define strategic management and Describe the process of strategic management.
6. Define code of ethics and explain how the ethical practices help the organization to grow?
7. What are the problems faced while meeting the cross cultural communication.
8. Write a short notes on:
  - (a) Total Quality Management
  - (b) Balanced Score Card
  - (c) Just-in-Time

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Set No: 2

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**MANAGEMENT SCIENCE**

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**Time: 3 Hours**

**Max Marks: 75**

Answer any FIVE Questions  
All Questions carry equal marks

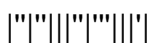
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1. Nature and describe the various levels of management with their functions.
2. What do you mean by statistical quality control? Explain its importance in quality control.
3. Define Human Resource Management. Explain its functions.
4. From the following information:
  - (a) Draw the network
  - (b) Find its critical path and project duration
  - (c) Determine Total, Free and Independent Floats.

Activity	Duration
1-2	5
1-3	4
2-4	6
3-4	2
4-5	1
4-6	7
5-7	8
6-7	4
7-8	3

5. Define corporate planning and describe the process of corporate planning.
6. What should be the ethical practices followed by the organization to manage their human resources?
7. Explain various techniques of interviews in detail.
8. Write a short notes on:
  - (a) Management Information System
  - (b) Six Sigma
  - (c) Bench Marking

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Set No: 3

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**MANAGEMENT SCIENCE**

(Comm to EEE,ECE,CSE,CHEM,EIE,BME,IT)

**Time: 3 Hours**

**Max Marks: 75**

Answer any FIVE Questions  
All Questions carry equal marks

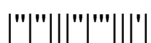
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1. What is motivation? Explain Abraham Maslow's needs Hierarchy theory.
2. What do you mean by Economic Order Quantity? Derive the formula for determining the Economic order Quantity.
3. Explain different methods of training in an organization.
4. From the following data crash the network and identify the optimum time of the project where the indirect cost is estimated Rs. 60 per day.

Activity	Normal Time	Crash Time	Cost Slope
1-2	9	6	20
1-3	8	5	25
1-4	15	10	30
2-4	5	3	10
3-4	11	6	15
4-5	2	1	40

5. Explain various generic strategy alternatives in detail.
6. Write about the various ethical practices in marketing.
7. What are the strategies to be followed for making effective presentations?
8. Write a Short notes on:
  - a. Capability Maturity Model
  - b. Enterprise Resource Planning
  - c. Performance Management

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Set No: 4

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

**MANAGEMENT SCIENCE**

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**Time: 3 Hours**

**Max Marks: 75**

Answer any FIVE Questions  
All Questions carry equal marks

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1. a) What is Matrix Organization? Explain the merits and demerits of Committee Organization.  
b) What do you mean by Functional organization structure? What are the advantages and disadvantages?
2. What do you mean by work study? Explain the basic procedure involved in method study.
3. What is marketing mix? Describe various elements of marketing mix.
4. From the following information:
  - (a) Draw the PERT network
  - (b) Find variance for each activity
  - (c) Find variance and standard distribution for critical path
  - (d) What is the probability that the project will be completed in 23 days?
  - (e) Find Total, Independent and Free floats?

Activity	To	Tm	Tp
1-2	3	3	3
2-3	3	6	9
2-4	2	4	6
3-5	4	6	8
4-6	4	6	8
5-6	0	0	0
5-7	3	4	5
6-7	2	5	8

5. Explain various external environment scanning techniques used by the organization.
6. Define Business Ethics and explain its importance in business.
7. Explain the essentials of writing an effective report.
8. Write a Short notes on:
  - (a) Business Process Outsourcing
  - (b) Management Information System
  - (c) Supply Chain Management

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