Code No: R05320203

Set No. 1

III B.Tech II Semester Regular Examinations, Apr/May 2008
MANAGEMENT SCIENCE
(Common to Electrical & Electronic Engineering, Electronics &
Communication Engineering, Chemical Engineering, Electronics & Control
Engineering, Electronics & Telematics, Electronics & Computer Engineering
and Instrumentation & Control Engineering)

Time: 3 hours   Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. Name and describe the various levels of management with their functions.   [16]

2. What is departmentation? How is it essential for the management of a business
   enterprise?   [16]

3. Define work measurement. What are its objectives?   [16]

4. What do you mean by marketing? How is it different from selling.   [16]

5. Explain some of the problems in interview as a method of selection?   [16]

6. The following table lists the jobs of a network along with the time estimates.

Jobs	Duration in days		
	Optimistic	Most likely	Pessimistic
1-4	3	9	27
1-3	3	6	15
1-2	6	12	30
4-5	1	4	7
3-5	3	9	27
3-6	2	5	8
5-6	6	12	30
2-6	4	19	28

   (a) Draw the project network

   (b) What is the approximate probability that jobs on the critical path will be
       completed by the due date of 35 days

   (c) What is your estimate of the probability that the entire project will be com-
       pleted by the due date? Explain.

   (d) What due date has 90% of chance of being met?   [4×4]

7. What are the criteria used to determine the corporate strengths and weaknesses?
   Use these criteria for a company you are familiar with to identify its strengths and
   weaknesses. Suggest corrective actions.   [16]

8. What is Material Requirement Planning (MRP) Illustrate.   [16]

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$\boxed{\textbf{Set No. 2}}$

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Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. Explain theory X and theory Y as theories of motivation. [16]

2. Name and describe the principles of organisation. [16]

3. A hardware shopkeeper purchases nails from a manufacturer who produces them in different sizes of lots as given below in the table and also the number of rejected pieces. Compute the control limits for each lot and plot the p chart. [16]

Lot No.	Lot Size (No. of pieces Inspected)	No. of pieces rejected
1	6,000	183
2	6,000	131
3	10,000	184
4	1780	23
5	3089	171
6	5779	65
7	3000	46
8	2722	85
Total	38370	888

4. What do you mean by marketing? How is it different from selling. [16]

5. What are the best methods of recruitment for positions below supervisory level? [16]

6. The following table gives the information relating to a project . By using the given data calculate the optimum duration of the project. Where indirect cost is estimated Rs.2000 per day. [16]

Activity	Normal		Crash	
	Time(days)	Cost(Rs)	Time(days)	Cost(Rs)
1-2	4	1000	3	2000
1-3	2	1500	1	3500
2-4	2	500	1	900
2-5	5	1000	3	4000
3-4	3	1000	1	2000
4-5	2	800	1	1000

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7. State the significance of corporate planning. What is the need for planning? [16]

8. Explain the seven principles of Michael Hammer relating to re-engineering. [16]

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Set No. 3

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Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. Discuss the leadership styles with examples which Indian managers follow. Can you suggest a best style for them? How? [16]

2. What are the various types of organisation structures? Explain them with their merits and demerits. [16]

3. Name and describe the various tools and techniques used in layout planning. [16]

4. "Marketing should aim at meeting a given consumer need rather than selling a given product." Comment. [16]

5. Briefly explain the concept of selection. What are the different techniques of selection followed by a Personnel Manager, while employing the personnel in an organization? [16]

6. What do you mean by crashing a network? State step by step procedure of crashing. [16]

7. Strategic alliances are temporary. Do you agree? Justify. [16]

8. What are the different methods TQM? Explain any two methods in briefly. [16]

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Set No. 4

III B.Tech II Semester Regular Examinations, Apr/May 2008
MANAGEMENT SCIENCE
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Engineering, Electronics & Telematics, Electronics & Computer Engineering
and Instrumentation & Control Engineering)

Time: 3 hours
Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. What are the basic leadership styles and their corresponding effective and ineffective styles? [16]

2. Describe briefly the various steps involved in organising procedure. [16]

3. Define Inspection. What are the kinds of Inspection? [16]

4. What do you mean by marketing? How is it different from selling. [16]

5. Highlight the significance of job description in selection. [16]

6. What is the importance of Cost Analysis? Account for different types of cost citing examples. [16]

7. What is the relationship between corporate governance and social responsibility? [16]

8. What are some of the guidelines that can be followed for the purpose of improving MIS? [16]

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