Code No: 07A80501 | R07 | Set No. 2

IV B.Tech II Semester Examinations,APRIL 2011
MANAGEMENT SCIENCE
Common to Information Technology, Computer Science And Engineering

Time: 3 hours | Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. 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]

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

3. How can a company identify core and distinctive competencies? [16]

4. What do you understand by Economic order quantity? Derive the formula for determining the Economic order quantity. [16]

5. Describe the product layout with a neat sketch and state its advantages and disadvantages of product layout. [16]

6. Details of a project are shown in table. [16]

Activity	Normal		Crash	
	Time(days)	Cost(Rs)	Time(days)	Cost(Rs)
1-2	6	7000	3	14,500
1-3	8	4000	5	8,500
2-3	4	5000	1	9,000
2-4	5	8000	3	15,000
3-4	5	5000	3	11,000
4-5	3	800	1	1000

Given indirect cost = Rs. 3000 per week
Determine optimal projection duration and optimal cost of project.

7. What are the leadership qualities that you would look for in a manager? Distinguish between innate and acquirable qualities with examples. [16]

8. Do you agree with the view that there is no single one best way of departmentation applicable to all organisations or situations? Give reasons in support of your answer and explain what factors affect departmentation. [16]

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Code No: 07A80501 | R07 | | Set No. 4 |

IV B.Tech II Semester Examinations,APRIL 2011
MANAGEMENT SCIENCE
Common to Information Technology, Computer Science And Engineering
Time: 3 hours   Max Marks: 80
Answer any FIVE Questions
All Questions carry equal marks
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1. Explain some of the problems in interview as a method of selection?   [16]

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

3. Differentiate between cellular organisation and boundary-less organisation. Explain their merits and demerits.   [16]

4. Do you agree with the statement "A company should go in for available internal skills and a policy of promotion from with always." Justify.   [16]

5. Explain in brief the basic procedure of work measurement.   [16]

6. "Leadership is situational" Explain this statement by bringing out the situational factors important for effective leadership.   [16]

7. "Consumer is a king." Comment on the statement in the light of marketing concept.
   [16]

8. Explain the concept of Capability Maturity Model. What is its role in modern management decision making process.   [16]

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Code No: 07A80501 | R07 | Set No. 1

IV B.Tech II Semester Examinations,APRIL 2011
MANAGEMENT SCIENCE
Common to Information Technology, Computer Science And Engineering

Time: 3 hours Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

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1. How should one go about identifying training needs in an organization? [16]

2. (a) What is PERT and what are the applications of PERT?

   (b) Define the terms slack and Float. Illustrate [8+8]

3. Explain the following terms with the help of a neat diagram.

   (a) Economic order quantity and Lead time

   (b) Safety stock and Re-order point

   (c) Maximum inventory and Minimum inventory

   (d) Average inventory and Inventory consumption trend. [4×4]

4. Whether the concept of Just-In-Time System is suitable in Indian industry or Not? Discuss. [16]

5. State the various stages of evolution of management theory. [16]

6. Name the various recording techniques used in method study. Give the various symbols used in recording with their meaning. [16]

7. In a company's competitive strategy, what importance should be attached to product and process R&D? Justify your answer. [16]

8. Explain the concept of team structure and inverted pyramid structure. What are their merits and demerits? [16]

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Code No: 07A80501   R07   Set No. 3

IV B.Tech II Semester Examinations,APRIL 2011
MANAGEMENT SCIENCE
Common to Information Technology, Computer Science And Engineering

Time: 3 hours   Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. Explain different methods of training the employees? Suggest a suitable training method for salesmen of a Heavy Machine Manufacturing Organization. [16]

2. 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 completed by the due date? Explain.

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

3. What do you mean by channels of distribution? Explain its importance in marketing. [16]

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

5. Explain what you understand by management information system(MIS) and its significance ro the managerial decision making process. [16]

6. Is it possible to simultaneously follow cost leadership and differentiation strategy for a business unit? Give reasons for your answer. [16]

7. What are the different types of organisations used for the management of industrial undertakings? Which among them is best suited for large manufacturing undertakings? Give reasons for your answer. [16]

8. Discuss the leadership styles with examples which Indian managers follow. Can you suggest a best style for them? How? [16]

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Code No: 07A80501 | R07 | Set No. 3

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