

Code No: RR320301

RR**Set No. 2****III B.Tech II Semester Examinations, December 2010****MANAGEMENT SCIENCE****Common to ME, CHEM, IT, MEP, E.COMP.E, MMT, CSE****Time: 3 hours****Max Marks: 80****Answer any FIVE Questions****All Questions carry equal marks**

1. (a) What do you understand by decentralization?
(b) How do you determine the need for decentralization? Explain. [8+8]
2. (a) What are the objectives of plant layout?
(b) Explain the factors influencing plant layout. [8+8]
3. Explain how manpower planning helps to evolve different HR strategies. [16]
4. Discuss in detail the objectives and functions of Human Resource Management? [16]
5. What are the external factors to be considered while assessing opportunities and threats? [16]
6. Draw the network for the following project, identify
(a) the critical path,
(b) find the project duration and
(c) indicate slack at each event. [4+4+4+4]

Activity	0-1	1-3	1-2	2-3	1-4	3-4	4-5
Time(months)	3	16	6	8	10	5	3

7. (a) Define EOQ. What are the factors required to determine EOQ?
(b) A firm requires 1000 units of a particular component. It pays Rs.50 per component to the vendor. The ordering cost is Rs.250 per order. The inventory carrying cost is 20% of the inventory per annum. Calculate
i. EOQ
ii. Number of orders per year.
iii. Total annual cost. [6+10]
8. Trace the history of evolution of management thought with emphasis on modern management techniques. [16]

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RR

Set No. 4

III B.Tech II Semester Examinations, December 2010

MANAGEMENT SCIENCE

Common to ME, CHEM, IT, MEP, E.COMP.E, MMT, CSE

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions

All Questions carry equal marks

1. (a) Define EOQ. What are the factors required to determine EOQ?
 (b) A firm requires 1000 units of a particular component. It pays Rs.50 per component to the vendor. The ordering cost is Rs.250 per order. The inventory carrying cost is 20% of the inventory per annum. Calculate
 - i. EOQ
 - ii. Number of orders per year.
 - iii. Total annual cost. [6+10]
2. (a) What do you understand by decentralization?
 (b) How do you determine the need for decentralization? Explain. [8+8]
3. (a) What are the objectives of plant layout?
 (b) Explain the factors influencing plant layout. [8+8]
4. Trace the history of evolution of management thought with emphasis on modern management techniques. [16]
5. What are the external factors to be considered while assessing opportunities and threats? [16]
6. Discuss in detail the objectives and functions of Human Resource Management? [16]
7. Draw the network for the following project, identify
 - (a) the critical path,
 - (b) find the project duration and
 - (c) indicate slack at each event. [4+4+4+4]

Activity	0-1	1-3	1-2	2-3	1-4	3-4	4-5
Time(months)	3	16	6	8	10	5	3

8. Explain how manpower planning helps to evolve different HR strategies. [16]

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RR**Set No. 1****III B.Tech II Semester Examinations, December 2010****MANAGEMENT SCIENCE****Common to ME, CHEM, IT, MEP, E.COMP.E, MMT, CSE****Time: 3 hours****Max Marks: 80****Answer any FIVE Questions****All Questions carry equal marks**

1. (a) What are the objectives of plant layout?
(b) Explain the factors influencing plant layout. [8+8]
2. Trace the history of evolution of management thought with emphasis on modern management techniques. [16]
3. Draw the network for the following project, identify
(a) the critical path,
(b) find the project duration and
(c) indicate slack at each event. [4+4+4+4]

Activity	0-1	1-3	1-2	2-3	1-4	3-4	4-5
Time(months)	3	16	6	8	10	5	3

4. (a) What do you understand by decentralization?
(b) How do you determine the need for decentralization? Explain. [8+8]
5. Explain how manpower planning helps to evolve different HR strategies. [16]
6. (a) Define EOQ. What are the factors required to determine EOQ?
(b) A firm requires 1000 units of a particular component. It pays Rs.50 per component to the vendor. The ordering cost is Rs.250 per order. The inventory carrying cost is 20% of the inventory per annum. Calculate
i. EOQ
ii. Number of orders per year.
iii. Total annual cost. [6+10]
7. What are the external factors to be considered while assessing opportunities and threats? [16]
8. Discuss in detail the objectives and functions of Human Resource Management? [16]

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RR**Set No. 3****III B.Tech II Semester Examinations, December 2010****MANAGEMENT SCIENCE****Common to ME, CHEM, IT, MEP, E.COMP.E, MMT, CSE****Time: 3 hours****Max Marks: 80****Answer any FIVE Questions****All Questions carry equal marks**

1. (a) Define EOQ. What are the factors required to determine EOQ?
 (b) A firm requires 1000 units of a particular component. It pays Rs.50 per component to the vendor. The ordering cost is Rs.250 per order. The inventory carrying cost is 20% of the inventory per annum. Calculate
 - i. EOQ
 - ii. Number of orders per year.
 - iii. Total annual cost. [6+10]
2. (a) What do you understand by decentralization?
 (b) How do you determine the need for decentralization? Explain. [8+8]
3. Trace the history of evolution of management thought with emphasis on modern management techniques. [16]
4. What are the external factors to be considered while assessing opportunities and threats? [16]
5. Discuss in detail the objectives and functions of Human Resource Management? [16]
6. Draw the network for the following project, identify
 - (a) the critical path,
 - (b) find the project duration and
 - (c) indicate slack at each event. [4+4+4+4]

Activity	0-1	1-3	1-2	2-3	1-4	3-4	4-5
Time(months)	3	16	6	8	10	5	3

7. (a) What are the objectives of plant layout?
 (b) Explain the factors influencing plant layout. [8+8]
8. Explain how manpower planning helps to evolve different HR strategies. [16]
