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? [8+8](b) Explain the factors influencing plant layout. 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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# Set No. 4

	III B.Tech II Semester Examinations, December 2010 MANAGEMENT SCIENCE	
Time	Common to ME, CHEM, IT, MEP, E.COMP.E, MMT, C e: 3 hours Max Answer any FIVE Questions All Questions carry equal marks *****	SE Marks: 80
1.	(a) Define EOQ. What are the factors required to determine EOQ?	
	<ul> <li>(b) A firm requires 1000 units of a particular component. It pays Rs ponent to the vendor. The ordering cost is Rs.250 per order. The carrying cost is 20% of the inventory per annum. Calculate</li> </ul>	50 per com- he inventory
	<ol> <li>EOQ</li> <li>Number of orders per year.</li> <li>Total annual cost.</li> </ol>	[6+10]
2.	<ul><li>(a) What do you understand by decentralization?</li><li>(b) How do you determine the need for logistic 2. Further, 2.</li></ul>	
9	<ul> <li>(b) How do you determine the need for decentralization? Explain.</li> <li>(a) What are the objectives of plant lavout?</li> </ul>	[8+8]
J.	<ul><li>(a) What are the objectives of plant layout?</li><li>(b) Explain the factors influencing plant layout.</li></ul>	[8+8]
4.	Trace the history of evolution of management thought with emphasis management techniques.	s on modern [16]
5.	What are the external factors to be considered while assessing opporthreats?	tunities and [16]
6.	Discuss in detail the objectives and functions of Human Resource Man	nagement? [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.

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]

[4+4+4+4]

Code No: RR320301

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# Set No. 1

III B.Tech II Semester Examinations,December 2010 MANAGEMENT SCIENCE Common to ME, CHEM, IT, MEP, E.COMP.E, MMT, CSI Time: 3 hours Max M Answer any FIVE Questions All Questions carry equal marks *****	E Iarks: 80
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 of management techniques.	m modern [16]
3. Draw the network for the following project, identify	
<ul> <li>(a) the critical path,</li> <li>(b) find the project duration and</li> <li>(c) indicate slack at each event.</li> </ul> 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?	1+4+4+4]
(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 ponent to the vendor. The ordering cost is Rs.250 per order. The carrying cost is 20% of the inventory per annum. Calculate	) per com- inventory
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

#### 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

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- ii. Number of orders per year.
- iii. Total annual cost.

### 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]

[4+4+4+4]

[6+10]

- 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.

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]

### \*\*\*\*

### 4