

(OR)

6. a. Define facility layout. Explain the types of layouts. 10 (2 :3:1.6.1)
b. Discuss the factors influencing plant location and write a note on foreign locations. 10 (2 :3:1.6.1)

Module-4

7. a. Explain the guide lines and strategies of aggregate planning. 10 (2 :4:1.6.1)
b. Discuss the objectives of master production schedule. 10 (2 :4:1.6.1)

(OR)

8. a. Explain the master scheduling methods. 10 (2 :4:1.6.1)
b. A company produces a motor assembly that is used in several hand-held appliances. It has 60 units in stock and will manufacture more in production runs of 90 units. Develop tentative master schedule for the demand shown in the table below. 10 (3 :4:1.7.1)

Inventory =60	week									
	1	2	3	4	5	6	7	8	9	10
Customer forecast	-	5	30	40	50	40	50	50	50	50
Interplant forecast	-	-	5	-	-	5	-	-	5	50
Customer orders	40	40	30	10	10	5	-	-	-	-
Warehouse orders	15	10	-	5	-	-	-	-	-	-

Module-5

9. a. Define MRP. Explain the benefits of MRP system. 10 (2 :5:1.6.1)
b. Discuss the MRP inputs and outputs. 10 (2 :5:1.6.1)

(OR)

- 10 a. Explain the supply chain management for an automobile steel door 08 (2 :5:1.6.1)
b. Explain the following 08 (2 :5:1.6.1)
(i) Make or Buy decision (ii) Vendor development
c. Write note on E- Procurement. 04 (2 :5:1.6.1)

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