576376(76)
676576(76)

M. B. A. (Third Semester) Examination, Nov.-Dec. 2021

(New Scheme)

(Management Branch)

LOGISTICS and SERVICES (NEW)

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 32

Note : *Part (a) is compulsory attempt any two from (b), (c) and (d). Part (a) carry 2 marks and (b), (c), (d) carry 7 marks.*

Unit-I

1. (a) What is logistics?

   (b) What are the operating objectives of logistics management?

[2]

(c) Explain integrated logistics management. What are the function of logistics system?

(d) What are the benefits of ware housing? How information handling and procurement play major role in logistics.

Unit-II

2. (a) Define material code in material management.

(b) What is material management? Describe management function and control.

(c) Write shorts notes (Compulsory both)

    (i) MRP-II

    (ii) Multi-echelons

(d) Explain the services provided by logistics and briefly define various of inventory management in logistics system.

Unit-III

3. (a) What is distribution management?

(b) Define location models. Explain strategic planning

[3]

models for location analysis.

(c) Write short notes (all are compulsory).

    (i) Warehousing

    (ii) Market channel structure

    (iii) Push Vs. Pull Systems

(d) Find a complete graph with a Central depot 0 and 9. Customers and solution using Clarke & Wright method.

Demands :

i	1	2	3	4	5	6	7	8	9
di	10	15	18	17	3	5	9	4	6

Symmetric Costs

Cij	0	1	2	3	4	5	6	7	8	9
0	–	12	11	7	10	10	9	8	6	12
1	12	–	8	5	9	12	14	16	17	22
2	11	8	–	9	15	17	8	18	14	22
3	7	5	9	–	7	9	11	12	12	17
4	10	9	15	7	–	3	17	7	15	18
5	10	12	17	9	3	–	18	6	15	15
6	9	14	8	11	17	18	–	16	8	16
7	8	16	18	12	7	6	16	–	11	11
8	6	17	14	12	15	15	8	11	–	10
9	12	22	22	17	18	15	16	11	10	–

Capacity of a vehicle : $K = 40$.

Unit-IV

4. (a) What is customer service?

(b) Explain simulation of logistic systems. How simulation apply in logistic system?

(c) How add value of information in logistics?

(d) Explain difference between E-logistics and risk pooling effect.

Unit-V

5. (a) Define issues in logistics.

(b) Discuss views of international and global issues in logistics.

(c) Explain the role of government in international logistics and principal characteristics of logistics in various countries and regions.

(d) Explain how logistic company get integrated functional activities in logistics.