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APR-MAY

M. B. A. (Fourth Semester) Examination, 2020

(New Scheme)

(Specialization : Applied Electives)

(Management Branch)

TRANSPORT and LOGISTICS

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 32

Note : Answer any two parts from each parts. Part

(a) in each unit is compulsory.

Unit-I

1. (a) Explain the processes involved in supply chains. 6
- (b) Discuss international issues in supply chain forces driving towards globalization. 10

- (c) Briefly explain the importance of logistics and supply chain in modern era. 10

Unit-II

2. (a) Explain the various network design decisions in supply chain. 6
- (b) What are the various factors that influence network design decisions? 10
- (c) Briefly discuss about the role of network design in supply chain. 10

Unit-III

3. (a) 'Shipping strategy is a tactical tool.' Discuss. 6
- (b) What are the modes of transportation and rate them on the basis of their relative features? 10
- (c) Write notes on : (any two) 10
- (i) Ocean ship
 - (ii) Inter modal (truck//rail)
 - (iii) Pipelines
 - (iv) Air

Unit-IV

4. (a) Discuss the use of intelligent transportation systems. 6
- (b) Explain intermodal transportation system with diagram and examples. 10
- (c) Write notes on : (any **two**) 10
- (i) Lean Transportation
 - (ii) Benefits of RFID
 - (iii) Re-engineering the rail-road
 - (iv) ITS environment

Unit-V

5. (a) Discuss capacitated vehicle routing problems. 6
- (b) Being a sales manager how will you find out the optional route for a sales person through travelling salesperson problem. 10
- (c) How far distribution strategy in logistics management helps an organisation to smoothen the supply chain. Discuss with examples. 10