

**SVKM's NMIMS**  
**NMIMS – GLOBAL ACCESS SCHOOL FOR CONTINUING EDUCATION**

Programme: DSCM/PGDSCM

Examination: June 2015  
Subject: Logistics Management

Semester: II  
Course : New  
Marks : 70  
Time: 11.00 a.m. to 2.00 p.m.

Date: 22.06.2015

- Instructions:
- 1) Candidates should read carefully the instructions printed on the question paper and on the cover of the answer-book, which is provided for their use
  - 2) Answer to each new question to be started on a fresh page
  - 3) Figures in brackets indicate full marks

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**Q.1) Attempt any 2 (two) out of 4 (four) (Marks: 2x5 = 10)**

- a) Explain the importance of logistics as a life-cycle support
- b) Elaborate on the significance of Supply Chain Management with Information Technology
- c) Enumerate the principal factors impacting Ocean Freight Rates
- d) What are the limitations of inland water transport?

**Q.2) Write short notes on any 2 (two) out of 5 (five) (Marks: 2x5 = 10)**

- a) How does packaging help reduce overall costs and increase value addition?
- b) Compare the characteristics of road transport and railways
- c) Characteristics of inventory of Manufacturer, Wholesaler, Retailer
- d) Logistical Competency
- e) Rating of Unit Load Devices

**Q.3) Attempt any 3 (three) out of 5 (five) (Marks: 3x10 = 30)**

- a) i) Explain Period Order Quantity  
ii) For an EOQ = 300 units and Annual forecast of 2,400 units, adjust order interval
- b) Explain each mode of transport with regard to its **legal classification**. Give examples
- c) ASRS Systems
- d) AIR FREIGHT RATES CLASSIFICATIONS (Six Types)
- e) Key Functions of Channel Management

**Q.4) Attempt both the questions (Marks: 2x10=20)**

- a) In the Inventory Management System, explain, **with graphs**, the Fixed Quantity Replenishment System and the Fixed Period Replenishment System. State their advantages also.
- b) Explain FREIGHT RATE STRUCTURE