

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

Programme: PGDSCM

Examination: December 2016  
Subject: Advanced Supply Chain Management

Semester: IV  
Course : New  
Marks : 70  
Time: 3.00 p.m. to 6.00 p.m.

**Instruction:**

1. Answer to each new question to be started on a fresh page.
2. Figures in bracket indicate full marks.

**Q.1) Attempt any 2 out of 4** (Marks: 2X5=10)

- a) Give some reasons to justify outsourcing as a corporate strategy.
- b) Explain the objectives of Supply Chain.
- c) What are inventory costs?
- d) Explain the role of demand forecasting in Supply Chain.

**Q.2) Write short notes on (2 out of 5)** (Marks: 2X5=10)

- a) Sourcing strategy.
- b) Breakeven Model.
- c) Third Party Service provider.
- d) Inter-modal transport.
- e) Role of IT in forecasting.

**Q.3) Attempt any 3 out of 5** (Marks: 3X10=30)

- a) Explain supplier selection process and the main selection criteria.
- b) Describe the dynamic inventory models Q, P and 2 Bin systems. Compare the differences between Q-system and P-system.
- c) Elaborate the factors which need to be considered while choosing a carrier.  
Compare the different modes of transport.
- d) What is demand management? Explain demand management in service industry.
- e) Explain in details the 'Six stage' framework involved for supply chain integration.

**Q.4) Attempt both the questions** (Marks: 2X10=20)

- a) If you were the purchasing manager of MNC organization, explain how you would go about building partnership and trust with supplier partners.
- b) You have setup the supply chain network for your organization. What are the performance metrics you will use to measure the supply chain performance?  
Explain the various dimensions and the measure for each.