

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

Programme: PGDSCM

Examination: December 2015

Subject: Advanced Supply Chain Management

Semester: IV

Course : New

Marks : 70

Time: 3.00 p.m. to 6.00 p.m.

Date: 17.12.2015

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**Instructions:**

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

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**Q.1) Attempt any 2 out of 4**

(Marks: 2X5=10)

- a) Explain the key concepts in supply chain.
- b) What is aggregate planning?
- c) Explain the steps in procurement cycle
- d) Explain the strategy for transportation

**Q.2) Write short notes on (2 out of 5)**

(Marks: 2X5=10)

- a) What is Economic Order Quantity?
- b) Explain the various patterns of demand in forecasting
- c) What is internal and external integration in supply chain?
- d) Write short note on 3PL
- e) Explain the various types of inventory

**Q.3) Attempt any 3 out of 5**

(Marks: 3X10=30)

- a) Explain the role of sourcing in supply chain
- b) Compare the differences between Q-system and P-system in inventory model
- c) Explain the factors influencing the transport costs
- d) Explain the three performance metrics in supply chain
- e) What is the framework of the make-buy process?

**Q.4) Attempt both the questions**

(Marks: 2X10=20)

- a) You are appointed the SCM manger in your organization. Explain the six –stage framework you will develop to help promote systematic efforts to achieve competitive supply chain.
- b) You are streamlining supply chain of your organization and you find a key processes needs re-engineering. What are the steps you need to take re-engineer the process.

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