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14MBAMM306

**Third Semester MBA Degree Examination, Dec.2016/Jan.2017**  
**Supply Chain Management**

Time: 3 hrs.

Max. Marks:100

**SECTION - A**

*Note : Answer any FOUR questions from Q.No.1 to Q.No.7.*

- 1 What does a Supply Chain consist of? (03 Marks)
- 2 Define "Distribution in context to SCM. (03 Marks)
- 3 What is "Buffer Stock"? (03 Marks)
- 4 What is the function of a purchase department? (03 Marks)
- 5 Define 'JIT'. (03 Marks)
- 6 What is 'Inbound Logistics' and 'Outbound Logistics'? (03 Marks)
- 7 What is 'Benchmarking'? (03 Marks)

**SECTION - B**

*Note : Answer any FOUR questions from Q.No.1 to Q.No.7.*

- 1 Explain the cycle view of a Supply chain process. (07 Marks)
- 2 What are the factors influencing distribution network design? (07 Marks)
- 3 Explain the ABC and VED analysis. (07 Marks)
- 4 Differentiate between Centralized and Decentralized purchasing. (07 Marks)
- 5 Explain the various forms of Tailored Transportation. (07 Marks)
- 6 What are the characteristics of Forecasts? (07 Marks)
- 7 What should the characteristics of information be to enable decision making in a supply chain? (07 Marks)

**SECTION - C**

*Note : Answer any FOUR questions from Q.No.1 to Q.No.7.*

- 1 Explain any four design options for a distribution network. (10 Marks)
- 2 What are the various modes of transportation and their features? (10 Marks)
- 3 What is EOQ? Derive an equation assuming uniform and known demand, fixed item cost, fixed ordering and holding cost, constant lead time. (10 Marks)
- 4 Explain the 'KANBAN' system, with a diagram. (10 Marks)



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- 5 Write a note on Collaborative planning, Forecasting and Replenishment. Explain with a simple block diagram. (10 Marks)
- 6 What are the basic warehousing decisions? (10 Marks)
- 7 Write a note on 'Expected cost of Stockouts'. (10 Marks)

**SECTION - D**  
**CASE STUDY – [ Compulsory ]**

ABC Jute corporation is a Jute bags manufacturing unit at Kolkata. 300 tons of Jute is processed per day and converted to bags. Jute is supplied to them by three suppliers located within 200 kms from the manufacturing plant.

ABC Jute corporation supplies 50 tons of bags daily to Gujarat, Rajasthan, Maharashtra, Goa, Kerala and Punjab.

**Questions :**

- a. What should their inventory policy be –for raw jute and finished bags? (05 Marks)
- b. What outboard transportation system you suggest? (05 Marks)
- c. Should they have a warehouse? – Justify. (05 Marks)
- d. Should they have additional Jute vendors? (05 Marks)

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