

Register No:

M.E. DEGREE EXAMINATIONS: JUNE 2011

Second Semester

INDUSTRIAL ENGINEERING

IEE508: Supply Chain Management

Time: Three hours

Maximum Marks: 100

Answer all questions:-

PART A (10 x 2 = 20 Marks)

1. Define Logistics.
2. What are the core skills?
3. Define 'economies of scope'.
4. What is CPC?
5. Give examples of continuously stocked items.
6. Highlight the relationship between lead time and safety stock.
7. What is cross docking?
8. List transportation scheduling techniques?
9. Differentiate B2B and B2C.
10. Give examples of successful of e-business firms.

PART B (5 x 16 = 80 Marks)

11. a) What is a supply chain? Elaborate on the various approaches towards supply chain.

(OR)

- b) Define a supply process. Explain the various factors affecting supply process.

12. a) List and explain the different stages in the manufacturing strategy.

(OR)

- b) Elaborate on the functional roles of a supply chain.

13. a) Enhance the role of economies of scale to exploit quantity discounts.

(OR)

- b) Discuss the managerial levers to improve supply chain profitability.

14. a) What are the different modes of transportation. List and compare their performance characteristics with suitable examples.

(OR)

b) Elaborate on role of distribution management in supply chain.

15. a) Identify and explain the different obstacles to Supply chain coordination.

(OR)

b) Enhance the various steps involved in designing a relationship with cooperation and trust.
