

**College of Engineering Pune**  
(An Autonomous Institute of Govt. of Maharashtra)  
END Semester Examination  
(PE-463 Elective) Supply Chain & Logistic Management

*Prad*

Programme: B.Tech. (Production S/W)

Year: 2012 - 13

Duration: 3 hrs.

Max. Marks: 50

Instructions:

- 1) All Questions are compulsory.
- 

- Q 1 Solve **Any Two** of the following:
- a) What is Economic order Quantity (EOQ)? 5  
Derive the equation for "Economic order Quantity (EOQ)".
  - b) Explain the performance characteristics of "Distributor storage with Last Mile Delivery". Only service factors. 5
  - c) What is "The Value Chain" in a company? Explain in details. 5
- Q 2 Solve **Any Two** of the following:
- a) Explain any one options for a "Transportation Network" along with its advantages and limitations 5
  - b) What is "Design Collaboration" in sourcing decisions in Supply Chain operations? Explain in details. 5
  - c) Roll of "safety inventory" in Supply Chain Management. 5
- Q 3 Solve **Any Two** of the following:
- a) How to use revenue management in practice for Supply Chain Management? 5
  - b) What are the factors affecting shippers decisions? 5
  - c) What is "Supplier Scoring and Assessment" in Supply Chain Management? Explain in short. 5
- Q 4 Solve **Any Two** of the following:
- a) What is the impact of E – Business on Responsiveness in supply chain operations? 5
  - b) Explain various processes included in supplier Relationship Managements (SRM). 5
  - c) Explain the obstacles to co-ordination in the Supply Chain Management. 5
- Q 5 Write short notes on **Any Three** of the Following: 10
- i. Customer Relationship Management
  - ii. Pricing and revenue Management for perishable assets.
  - iii. The role of Information Technology in Supply Chain Operations.
  - iv. Marginal unit quantity discounts
  - v. Achieving co-ordination in practice
  - vi. Vendor – Managed Inventory (VMI)

\*\*\*\*\*