

Logistics and Supply chain Management
Teaching Plan MBA II Year I Semester(2015-17) Batch , Faculty: M.Prasanthi

Sl.no	Topic	No.Of Classes	Reference
1	Unit-1: Introduction to Supply Chain: Definition,	1	sunil chopra -Logistics and supply chain management, K.Sridhar Bhatt
2	Objectives and Importance of Supply Chain.	1	
3	Process View of Supply Chain -	1	
4	Competitive Supply Chain Strategies,	1	
5	Achieving Strategic Fit,	1	
6	Expanding Strategic Scope	1	
7	Drivers for Supply Chain Performance,	1	
8	Framework for Structuring Drivers.	1	
9	Facilities, Inventory, Transportation,	1	
10	Information, Sourcing and Pricing,	1	
11	Obstacles to Achieving Fit,	1	
12	Supply Chain Performance in India.	1	
13	Case: Quality in Logistics at P&G (L&SCM, K.Sridhar Bhat, Pg No. 574)	1	
14	Unit-2:Designing the Supply: Planning Demand and Supply in a Supply chain	1	
15	Demand Forecasting in Supply Chain:	1	
16	Components of Forecast and Forecasting methods,	1	
17	Aggregate Planning in Supply Chain	1	
18	Logistics Management, Inbound, Internal and Outbound	1	
19	Logistics in SCM,	1	
20	Developing the Logistics Organization for Effective Supply Chain Management	1	
21	Development of Integrated Logistics Strategy,	1	
22	Logistics in Maximizing Profitability and Cash Flow,3PL, 4PL	1	
23	International Logistics, Reverse Logistics,	1	
24	The Logistical Value Proposition	1	
25	Case: Chrysler (L&SCM, K.Sridhar Bhat, Pg No. 577)	1	
26	Unit-3: Managing Supply Chain: Sourcing of Material,	1	
27	Global Sourcing, Issues and Problems,	1	
28	E- Procurement, Group Purchasing,	1	
29	Reverse Auctions, Creating and managing Supplier Relations	1	
30	, Supplier Partnerships, Multi-tier Supplier partnerships.	1	
31	Managing Economies of Scale in Supply Chain,	1	
32	Managing Uncertainty in a Supply Chain, and	1	
33	Determining Optimal level of Product Inventory.	1	
34	Designing and Planning Transportation Networks: Transportation in a Supply chain.	1	
35	Inventory policies, JIT, VMI.	1	
36	Role of Stores Management in SC,	1	
37	Inventory as an Element of Customer Service.	1	

38	Case: CEMEX (L&SCM, K.Sridhar Bhat, Pg No. 584)	1
39	Case: Cool Air (L&SCM, K.Sridhar Bhat, Pg No. 575)	1
40	Unit-4: Managing Cross Functional Drivers in a Supply Chain	1
41	Sourcing Decisions in a Supply Chain and Procurement Strategies	1
42	Pricing and Revenue Management in a Supply Chain	1
43	Information Technology and Coordination in a Supply chain	1
44	Lean manufacturing,	1
45	Integration of Lean manufacturing and SCM,	1
46	Bench Marking,	1
47	Re-engineering of Supply Chain Management.	1
48	Case: GSK (L&SCM, K.Sridhar Bhat, Page No. 577)	1
49	Unit-5: Supply Chain Management-Global Perspective:	1
50	Identifying Logistics Performance Indicators	1
51	Channel Structure – Economics of Distribution	1
52	Channel Relationships – Logistics Service Alliances.	1
53	Managing Global logistics and Global Supply Chainsx	1
54	Logistics in a Global Economy	1
55	Views of Global Logistics- Global Operating Levels	1
56	Interlinked Global Economy The Global Supply Chains	1
57	Supply Chain Management in Global environment	1
58	Global Strategy – Global Purchasing – Global Llogistics	1
59	Global Alliances – Issues and Challenges in Global Supply Chain Management	1
60	Case: FEDEX (L&SCM, K.Sridhar Bhat Page No. 576)	1

Unit-1

Short questions:

1. Define supply chain
2. Process view of supply chain
3. Strategic scope
4. Strategic fit
5. Sourcing

Essay questions:

1. Define supply chain management and give the objectives and importance of supply chain
2. Explain the competitive supply chain strategies
3. Explain the expanding strategic scope and obstacles to achieve the strategic fit
4. Discuss the drivers for supply chain performance and supply chain performance in India
5. Explain the frame work for structuring Supply chain performance Drivers

(Case: Quality in Logistics at P&G – source: L&SCM K.Sridhar Bhat, Pg.No 574)

Unit-2

Short Questions:

1. Demand forecasting
2. Inbound, internal and outbound Logistics
3. Logistics organization
4. Integrated Logistics strategy
5. Reverse Logistics

Essay Questions:

1. Explain the components of forecast and forecasting methods
2. Explain the aggregate planning in supply chain logistics management
3. Explain the development of logistics organization for effective supply chain management
4. Illustrate the 3PL, 4PL, cash flow.
5. Illustrate the Logistics Value Proposition

(Case: Chrysler – source: L&SCM K.Sridhar Bhat, Pg.No 577)

Unit-3

Short questions:

1. Global sourcing
2. E-Procurement
3. JIT& VMI
4. Economies of Scale
5. Multi-tier Supplier Partnerships.

Essay Questions:

1. Explain the Issues and problems of Sourcing of Material and Global Sourcing
2. Explain the Supplier Partnerships and Multi tier supplier partnerships
3. Illustrate the concept of economies of scale in supply chain
4. Explain the designing and planning transportation networks in supply chain
5. Explain the role of Stores Management in Supply chain

(Case:CEMEX – source: L&SCM K.Sridhar Bhat, Pg.No 584)

Unit-4

Short questions

1. Lean Manufacturing
2. Bench marking
3. Re-Engineering
4. Procurement strategy
5. Cross functional drivers in supply chain

Essay Questions:

1. Explain the cross functional Drivers in supply chain
2. Explain the Sourcing decisions in a supply chain and procurement strategies
3. Explain the pricing and revenue Management in Supply chain
4. Explain the Integration of Lean Manufacturing and Supply chain Management
5. Explain the Re engineering concept applied in supply chain management
(Case: GSK– source: L&SCM K.Sridhar Bhat, Pg.No 577)

Unit-5

Short Questions:

1. Economies of Distribution
2. Logistics Service alliances
3. Global Logistics
4. Global Purchasing
5. Logistics Performance Indicators

Essay Questions:

1. Explain the Logistics Performance Indicators
2. Explain the Management of Global Logistics and Global Supply chains
3. Explain the Supply chain Management in Global Environment
4. Explain the Issues and Challenges in Global supply chain Management
5. Explain the Global operating levels of Logistics
(Case: FEDEX – source: L&SCM K.Sridhar Bhat, Pg.No 576)

Model Paper -1

Logistics and Supply Chain Management

Section – A (Short Answer type questions)

(5X4=20 Marks)

- **Answer all questions, each question carry equal marks.**
6. Importance of Supply Chain Management & Inventory Management
 7. Logistics Management & International Logistics
 8. Explain Global Sourcing & Group purchasing
 9. Explain Lean Manufacturing & Re-Engineering
 10. Channel Relationships in Global Alliances

Section – B (Essay Type Questions)

- **Answer all the questions.** **(5x8=40 marks)**

11. a) What are the objectives of Supply chain management and also discuss the Importance of SCM in the present Scenario

OR

- b) Explain the following
- i. Competitive Supply Chain Strategies
 - ii. Supply chain importance in India

12. a) How to plan Demand and Supply in Supply Chain Management and also discuss about forecasting methods

OR

- b) Illustrate the 3PL, 4PL, cash flow.

13. a) Explain the Issues and problems of Sourcing of Material and Global Sourcing

OR

- b) Explain the following
- i. Role of Stores Management in Supply Chain
 - ii. Inventory as a role of customer service

14. a) Discuss about the procurement strategies, pricing and Revenue Management in Supply Chain

OR

- b) Explain the following
- i. Lean Manufacturing
 - ii. Bench Marking
 - iii. Re-engineering of SCM

15. a) Discuss the importance of SCM in Global Perspective and also explain about Performance indicators, channel structure and International Logistics for SCM

OR

- b) Explain the Issues and Challenges in Global supply chain Management

Model Paper-2

Subject: Logistics and Supply Chain Management

Section – A (Short Answer type questions)

(5X4=20 Marks)

- **Answer all questions, each question carry equal marks.**
- 1. Supply chain drivers
- 2. Aggregate planning in supply chain
- 3. Reverse auction & JIT
- 4. Cross functional drivers in SCM & Bench marking
- 5. Channel structure for Global Alliance

Section – B (Essay Type Questions)

(5x8=40 marks)

- **Answer all the questions.**
- 6. A) What do you mean by supply chain and explain about competitive supply chain Strategies.

OR

- B) Explain the frame work of structuring the supply chain drivers.

7. A) What do you mean by Logistics management and explain about inbound and Out bound logistics in SCM.

OR

B) Explain the process of developing integrated logistics strategy.

8. A) Explain the process of managing economies of scale in supply chain management in modern business environment.

OR

B) What do you mean by transportation networks? How you can design Transportation network for inventory.

9. A) Explain the pricing and revenue management practices in supply chain management.

OR

B) What do you mean by lean manufacturing? How lean manufacturing can be integrated with Supply chain management?

10. A) What do you mean by service logistics? Explain logistics performance indicators for service sector.

OR

B) What is meant by integrated global economy? Explain various views relating to global logistics in global economy.