

BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

(Autonomous Institute under Visvesvaraya Technological University, Belagavi)

USN Course Code

Sixth Semester B.E. Degree Examinations, September/October 2024

SUPPLY CHAIN MANAGEMENT

Duration: 3 hrs

Max. Marks: 100

Note: 1. Answer any FIVE full questions choosing ONE full Question from each Module.
2. Missing data, if any, may be suitably assumed

<u>Q. No</u>	<u>Question</u>	<u>Marks</u>	<u>(RBTL:CO:PI)</u>
<u>Module-1</u>			
1.	a. What is supply chain management? Enlist and discuss its objectives.	10	(1 :1: 1.6.1)
	b. Describe the various stages and different flows involved in supply chain of a product.	10	(2 :1: 1.6.1)
(OR)			
2.	a. Identify the key drivers of supply chain. Discuss the role of any one drivers in creating a strategic fit.	10	(2 :1: 1.6.1)
	b. How can a delivery company like Zomato use pricing of its delivery services to increase its profitability? Discuss.	10	(2 :1: 1.6.1)
<u>Module-2</u>			
3.	a. Explain the characteristics of ideal warehouses.	10	(2 :2: 1.6.1)
	b. List and discuss the objectives and functions of a store.	10	(2 :2: 1.6.1)
(OR)			
4.	a. What are the factors to be considered in the selection of location of the warehouse?	10	(2 :2: 1.6.1)
	b. State the importance of material handling and risks involved in it.	10	(2 :2: 1.6.1)
<u>Module-3</u>			
5.	a. Discuss the value addition in terms of supply chain management.	10	(2 :3: 1.6.1)
	b. Explain the importance of the distribution network with sketch.	10	(2 :3: 1.6.1)
(OR)			
6.	a. What do you understand by distribution strategies? State its importance.	10	(2 :3: 1.6.1)
	b. Explain in detail Manufacturer / distributor storage with customer pickup.	10	(2 :3: 1.6.1)
<u>Module-4</u>			
7.	a. Write a short note on: (i) Supply chain Restructuring (ii) Supply chain Mapping	10	(2 :4: 1.6.1)
	b. Enlist and explain various factors influencing the network design.	10	(2 :4: 1.6.1)
(OR)			

8. a. Describe multi-location inventory management system. State the need for multi-location inventory management. 10 (2 :4: 1.6.1)
- b. What is the impact of uncertainty on network design? Discuss. 10 (2 :4: 1.6.1)

Module-5

9. a. Explain Bullwhip effect and discuss about demand volatility and information distortions across supply chains. 10 (2 :5: 1.6.1)
- b. Briefly explain agile supply chain, building partnership and trust. 10 (2 :5: 1.6.1)

(OR)

- 10 a. Coordination in SCM, what are the pros and cons? 10 (2 :5: 1.6.1)
- b. Explain IoT and Block chain technologies in brief. 10 (2 :5: 1.6.1)

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