

Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--

Question Paper Code : 41041

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2021.

Seventh Semester

Computer Science and Engineering

OME 752 – SUPPLY CHAIN MANAGEMENT

(Common to: Agriculture Engineering/ Biomedical Engineering/
Computer and Communication Engineering/ Electronics and Communication
Engineering/ Electronics and Telecommunication Engineering/ Medical Electronics/
Bio Technology/ Food Technology/ Information Technology/ Pharmaceutical
Technology/ Plastic Technology/ Polymer Technology)

(Regulations 2017)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Mention two drivers of supply chain?
2. What constitute total logistics?
3. What is the difference between a wholesaler and a distributor?
4. Who constitute distribution network?
5. Mention two points of contact of transportation with supply chain?
6. What is meant by a design option?
7. State two important points in SRM (Supplier Relationship Management).
8. State two important points required for supply chain coordination
9. What is supply chain management?
10. What is RFID?

PART B — (5 × 13 = 65 marks)

11. (a) Explain in detail about integrated logistics and supply chain management. (13)

Or

- (b) State reasons for necessity of understanding the subject supply chain management? (13)

12. (a) What important role network design play in supply chain management? (13)

Or

- (b) Mention in detail the role played by a distributor in efficient supply chain management? (13)

13. (a) What are the objectives of effective transportation decisions? (13)

Or

- (b) What is a multimodal transportation and explain routing with an example? (13)

14. (a) What are the issues one encounter in supply chain coordination decisions? (13)

Or

- (b) How do one assess and select a supplier before releasing an order? (13)

15. (a) What is the role of information in connecting supply chain partners? (13)

Or

- (b) What are the factors that lead to competitive advantage if information technology is used in supply chain? (13)

PART C — (1 × 15 = 15 marks)

16. (a) What are the effects of COVID on Sports Supply chain management by taking IPL as an example? (15)

Or

- (b) What important effects of COVID one observed and experienced on essential commodities in food supply chain? (15)