

- 1-d. Based on the Accenture survey on sources of risk that affect global supply chain performance, which of the following was found to have affected the highest percentage of supply chains? (CO4, K2) 1
- (a) shortage of skilled resources
 - (b) volatility of fuel prices
 - (c) inflexible supply chain technology
 - (d) customs delays
- 1-e. The ISO standard used to identify intermodal shipping containers is, (CO5, K2) 1
- (a) ISO 6346
 - (b) ISO 6436
 - (c) ISO 6466
 - (d) ISO 6646
2. Attempt all parts:-
- 2.a. Describe cargo ship. (CO1, K2) 2
- 2.b. What is broken stowage? (CO2, K2) 2
- 2.c. What do you mean by Air way bill? (CO3, K2) 2
- 2.d. Write two reasons for selecting flexible global supply chain. (CO4, K2) 2
- 2.e. Logistical packaging cost depends on which factors? (CO5, K2) 2
- SECTION-B** 15
3. Answer any three of the following:-
- 3-a. Write the difference between cargo and container ships. (CO1, K2) 5
- 3-b. Explain why transportation systems should be tailored. (CO2, K2) 5
- 3-c. Describe Bill of lading. (CO3, K2) 5
- 3-d. Explain the need for reverse logistics. (CO4, K2) 5
- 3.e. Mention the difference between product packaging and logistics packaging. (CO5, K2) 5
- SECTION-C** 30
4. Answer any one of the following:-
- 4-a. A petroleum company wants to launch a new grade of advanced green fuel to the market. Its operating locations or nodes are not equipped to handle the new generation fuel. The new facilities will take time and capital expenditure. There is a risk that competition will launch similar product if there is any delay. Considering the situation what suggestion you may provide the company. (CO1, K4) 6
- 4-b. A product is stocked at a retailer, the customer pulls the item from the shelf and the manufacturer never sees a customer order. What is this phenomenon called in inventory management. (CO1, K2) 6
5. Answer any one of the following:-
- 5-a. Recent Bangladesh uproar disturbed the logistics of many large apparel companies 6

across the globe. Some companies sailed smooth while quite a few had supply shortage and loss of sales. Discuss the importance of designing flexibility into the transportation network. (CO2, K4)

- 5-b. Reverse logistics is a strategy that every supply chain should incorporate. Similarly deciding which port to be used for the container carrying imports is also a strategic decision with other transport methods. Can you discuss the relationship between the two strategies? (CO2, K2) 6
6. Answer any one of the following:-
- 6-a. After loading diesel in Tank Wagon Rake the oil company officer informed the railway superintendent that the cargo is ready for dispatch. What procedure will be followed by the railway person to accept the rake for onward dispatch. (CO3, K4) 6
- 6-b. The store in charge of a company is transferred from marketing to dispatch section. The cargo ready for dispatch needs packaging before sent to the port. He is in doubt with his earlier experience how such packaging will differ in case of port dispatch. Can you assist with your knowledge? (CO3, K4) 6
7. Answer any one of the following:-
- 7-a. India post plans to go digital. They handle huge number of parcel receipt and delivery per day across the country. Explain to the India Post management how parcel deliveries can be digitised. (CO4, K2) 6
- 7-b. We were surprised to find an unmanned vehicle driving smooth on the roads of San Francisco near the Ghirardelli Chocolate factory junction. With signal lights, pedestrians and other vehicles how was it manoeuvring so well. Give your comments. (CO4, K2) 6
8. Answer any one of the following:-
- 8-a. Your company's Research & Development centre has designed and developed a prototype of a very efficient solar cooker that can support a family of four. The product is first of its kind in the country and holds export possibilities. Few multinational companies are approaching you for developing the solar cooker from prototype to commercial production and market. As a company executive in charge of the project what will be your decision and why? (CO5, K4) 6
- 8-b. Starbucks, was forced to focus on local sustainability of its supply sources. Can you justify why the company took such a decision? (CO5, K2) 6