

GUJARAT TECHNOLOGICAL UNIVERSITY
MBA– SEMESTER –IV–EXAMINATION – WINTER–2023

Subject Code:4549295

Date: 06-12-2023

Subject Name: Global Logistics and Supply Chain Management

Time:02:30 PM TO 05:30 PM

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Use of simple calculators and non-programmable scientific calculators are permitted.

Q. No.	Question Text and Description	Marks
Q.1	Definitions / terms / explanations / short questions based on concepts of theory/practical	14
	a) Factors affecting global supply chain b) What is Inland Container Depot (ICD) c) Define Cost Advantage. d) State few key factors of Port Infrastructure . e) State two examples of Digital Transformation in Logistics f) State Objectives of Cargo inspection g) Explain Intermodal Transportation	
Q.2	(a) Elaborate and discuss the roles and responsibilities of Custom House Agent (CHA) in export and import (take support of example in response).	07
	(b) What are the issues and challenges in Packaging with international trade ? What are the various legal issues in packaging ?	07
	OR	
	(b) Discuss various types of transportation modes with domestic and international requirements. What is multimode transportation and logistics ? What are the key challenges in the same ?	07
Q.3	(a) What is “Marking” in packaging – What are the key material and support requirements for ocean and air cargo packaging ?	07
	(b) State few important sea routes for the world trade and their strategic importance in international trade.	
	OR	
Q.3	(a) Briefly explain the role of Cargo Airlines and types of transportation aircrafts, compare the advantages and disadvantages of Sea Shipping and Air Shipping.	07
	(b) Explain the roles of Ware houses, it's function and activities with respect to E-Commerce business.	07

Q.4 (a) List various types of Containers and it's classification , FCL and LTL etc. What factors affect while choosing a container ? 07

(b) Mr Vikram Bhalla Of M/s Ramani Ports and logistics believes that "For international trade it's extremely important to set "Communication Infrastructure" – What does he mean by that ? 07

OR

Q.4 (a) How Ocean fright rates are being calculated? What all commercial considerations determine freight rates? 07

(b) Differentiate roles and responsibilities of IATA and TIACA 07

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Q.5

The conflict between Israel and Palestine could impact the movement of goods to and from Israel

The conflict between Israel and Palestine could impact the movement of goods to and from Israel, according to Hossein Norouz Fashkhami, a freelance business consultant and who specializes in the Middle East, in a recent blog post.

“In light of recent developments in the Middle East, including the outbreak of war in Israel and its vulnerability to missile attacks and the incursion of opposing militias, the security of transporting goods through the port of Haifa has become uncertain,” Fashkhami wrote. “The transit of containers, especially hazardous materials, and the arrival of commercial vessels greatly emphasize the importance of security on this route. Such insecurity or potential terrorist attacks could lead to a shift in the transportation of goods.”

An analysis of the war published by Container xChange October 12, entitled “Israel-Palestine conflict set to create challenges in maritime industry while trade continues with caution,” speculated that the conflict could disrupt trade flows between Israel and China, as well as other major markets, such as the U.S., Germany and India, over the next few weeks.

The clash between Israel and Palestine is also creating a growing concern about the costs of Indian exports rising due to higher shipping expenses and increased insurance premiums. However, Container xChange predicts the conflict will have a “limited” impact on trade volumes unless the war “escalates significantly.”

Individual ports have also been hurt by the war, like the Port of Ashdod, which was forced to enact restrictions on ships carrying hazardous materials. The Port of Ashkelon has been unable to perform normal operations due to missile threats, the report said.

Meanwhile, other ports, such as the Port of Hadera and the Port of Eliat, have been able to carry out their operations as normal.

“In the case of the conflict in Israel, any expansion of the hostilities beyond the country’s borders could introduce risks to two vital shipping choke points,” said Christian Roeloffs, the co-founder and CEO of Container xChange. “The Suez Canal, a critical waterway for various commercial vessels, including container ships, may face disruptions. Similarly, the Strait of Hormuz, a backbone for oil and gas shipping, could be affected. However, the extent of these effects will largely depend on the conflict’s expansion and duration.”

- (a) Critically evaluate the possible impact of Israel and Palestine conflict on global supply chain and also think give your views on it’s impact on Indian trade also.

07

- (b) What are the various projections and speculations by CEO of container xChange on the present situation and by Mr Norouz Fashkhami, a business consultant ? - Critically evaluate the views. 07

OR

- Q.5** (a) From the case , draw a relationship between Political Situation , Economical Situation and Global Supply chain. 07
- (b) How technologies can be supportive to global trade and supply chain in the given situation where the cost of import and exports are expected to be rising beyond speculations. 07
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