

TRANSPORTATION & WAREHOUSE MANAGEMENT
(377)
TUTOR MARKED ASSIGNMENT

Max Marks: 20

- Note: i) All questions are compulsory. The marks allotted for each question are indicated against each question.**
- ii) Write your name, enrollment number, AI name, and subject on the top of the first page of the answer sheet.**

1. Answer any one of the following questions in about 40-60 words. 2

- a) The **Inland Waterways Authority of India (IWAI)** is responsible for developing and regulating inland water transport in the country. Imagine you are a policy advisor analyzing the role of IWAI in enhancing trade and transportation. How does the development of inland waterways contribute to economic growth, environmental sustainability, and reduced logistics costs in India?
(See Lesson 8)

OR

- b) **Waterways play a crucial role in enhancing transportation efficiency and reducing logistics costs.** Imagine you are a policymaker tasked with promoting the use of national waterways in India. Explain the significance of national waterways and suggest strategies to improve their utilization for trade and transportation.
(See Lesson 8)

2. Answer any one of the following questions in about 40-60 words. 2

- (a) Different types of warehouses serve various industries and business needs, from storage of raw materials to distribution of finished goods. Imagine you are a logistics manager selecting a warehouse for a growing e-commerce company. What type of warehouse would be most suitable for ensuring fast order fulfilment and efficient inventory management? Justify your choice with relevant reasons.
(See Lesson 15)

OR

- (b) A manufacturing company is expanding its operations and needs a warehouse to store both raw materials and finished products. Based on your understanding of warehouse types, which type of warehouse would best suit the company's needs? Explain how your chosen warehouse type will help streamline storage, transportation, and distribution processes.

(See Lesson 15)

3. Answer any one of the following questions in about 40-60 words. 2

- a) The Bharatmala Project aims to enhance road infrastructure and connectivity across India, boosting economic growth and trade. Imagine you are a transport planner evaluating its impact on logistics and regional development. How would you explain the key objectives of the Bharatmala Project, and what benefits do you think it brings to transportation efficiency and economic progress?
(See Lesson 2)

OR

- b) Efficient road networks are crucial for trade, tourism, and regional connectivity. The Bharatmala Project is a significant initiative to improve India's highways. Suppose you are presenting a report on its impact. How would you describe its major components, and what challenges might arise in its implementation? Suggest possible solutions to address these challenges.
(See Lesson 2)

4. Answer any one of the following questions in about 100-150 words. 4

- a) Brief XYZ Pvt. Ltd. is a newly established company that manufactures eco-friendly household cleaning products. The company wants to expand its market reach but is unsure about how to distribute its products effectively.

As a business consultant, explain the importance of distribution channels and suggest suitable functions they can perform to help the company reach its target customers efficiently.
(See Lesson 21)

OR

- b) Explain With the increasing adoption of **blockchain technology in warehouse automation**, businesses are enhancing transparency, efficiency, and security in supply chain management. Analyze how blockchain can improve inventory tracking and reduce operational inefficiencies in warehouses. Support your answer with real-world applications.
(See Lesson 26)

5. Answer any one of the following questions in about 100-150 words. 4

- a) A warehouse is facing delays in receiving and shipping goods, causing delivery problems. Suggest two ways to improve the movement of goods in and out of the warehouse and explain how these will make the process faster and more efficient.
(See Lesson 19)

OR

- b) A warehouse storing food items is facing problems like spoilage and wastage due to poor handling of goods. How can better planning of incoming and outgoing goods help reduce waste? Suggest two simple solutions and explain their benefits.
(See Lesson 16)

6. Prepare any one project of the following projects given below (6)

- a) India's highway network is expanding rapidly under initiatives like Bharatmala Pariyojana. However, challenges such as land acquisition, environmental

concerns, and funding constraints often hinder progress. Discuss how highway development organizations address these challenges and suggest innovative solutions to enhance the efficiency and sustainability of road infrastructure projects.
(See Lesson 4)

- b) India has several organizations responsible for the planning, construction, and maintenance of highways and road infrastructure, such as NHAI, MoRTH, and NHIDCL. Efficient highway development plays a crucial role in economic growth and regional connectivity.

Discuss the role of these organizations in highway development and analyze how modern technologies like GPS tracking, smart traffic management, and sustainable construction materials are improving road infrastructure in India.
(See Lesson 4)