



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

FACULTY OF COMMERCE, HUMAN SCIENCES AND EDUCATION

DEPARTMENT OF MARKETING, LOGISTICS AND SPORT MANAGEMENT

QUALIFICATION: BACHELOR OF LOGISTICS AND SUPPLY CHAIN MANAGEMENT HONOURS	
QUALIFICATION CODE: 08LSCH	LEVEL: 8
COURSE CODE: ALM811S	COURSE NAME: ADVANCE LOGISTICS MANAGEMENT
SESSION: JUNE 2024	PAPER: THEORY
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	MS. E ELAGO
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INSTRUCTIONS
<ol style="list-style-type: none">1. Answer ALL the questions.2. Read all the questions carefully before answering.3. Number the answers clearly.

THIS QUESTION PAPER CONSISTS OF 5 PAGES (Including this front page)

SECTION A: MULTIPLE CHOICE AND TRUE OR FALSE

40 MARKS

QUESTION 1: MULTIPLE CHOICE

10X2= 20 MARKS

There are ten multiple-choice questions with several possible choices; choose the best answer, e.g., 1.1 A.

- 1.1. Which of the following factors is not instrumental in shaping a business or organisation?
 - a) Technological advancements
 - b) Market demand
 - c) Leadership preferences
 - d) Economic fluctuations
- 1.2. Logistics is described using different terminologies such as:
 - a) Military Logistics
 - b) Business Logistics
 - c) Reverse Logistics
 - d) All of the above
- 1.3. Which of the following supply chain management activities involves the strategic management of interactions with customers to maximise customer value and achieve competitive advantage?
 - a) Compensating suppliers for services rendered
 - b) Tracking consignments during transit
 - c) Implementing Customer Relationship Management (CRM) strategies
 - d) Negotiating and signing off contracts with vendors and partners
- 1.4. The benefits of Fourth Party Logistics (4PL) are manifold, yet one aspect stands apart as not being a direct advantage. Identify the exception:
 - a) It effectively mitigates financial risks associated with third-party logistics (3PL) services, offering financial stability.
 - b) It enhances accountability across the supply chain, ensuring transparency and reliability.
 - c) It encompasses freight payment and auditing services, contributing to stringent cost control measures.
 - d) It optimizes revenue opportunities by streamlining operations and fostering strategic partnerships.
- 1.5. One of the following activities is not a criteria that is used in the selection process of supplier includes:
 - a) The disclosure of the supplier's source of raw materials.
 - b) The price charged by the supplier.
 - c) The quality of the products delivered by the supplier.
 - d) The suppliers' ability to deliver on time.
- 1.6. Among the following terms related to business transactions, identify the one that specifically denotes an enforceable agreement for the supply of goods or performance of work at a specified price.
 - a) Trading, which involves the exchange of goods or services between parties for mutual benefit.
 - b) Supplying of raw materials, referring to the procurement and delivery of primary resources for manufacturing or production.
 - c) Third-Party Logistics (3PL), which pertains to outsourcing logistics functions to specialised service providers.
 - d) Contract, a legally binding agreement defining the terms and conditions of a commercial arrangement.
- 1.7. Identify the term that best describes agreements characterized by their ongoing nature, typically lasting for a duration exceeding one year:
 - a) Spot on contract, denoting agreements for immediate or short-term procurement of goods or services.

- b) Fourth-Party Logistics (4PL), referring to integrated supply chain management solutions provided by a higher-level logistics service provider.
 - c) Short-term contract, signifying agreements with a limited duration, usually lasting for less than a year.
 - d) Long-term contract, indicating agreements established for an extended period, often exceeding one year, to facilitate continuous business operations and partnerships.
- 1.8. Which of the following options is not considered a category of inventory types within supply chain management?
- a) Raw materials, representing the basic components used in the manufacturing process.
 - b) Parts/equipment, referring to components or tools utilized for assembly or maintenance.
 - c) Finished goods, denoting products that have completed the manufacturing process and are ready for sale.
 - d) Legal goods, indicating products or items that comply with all legal regulations and standards.
- 1.9. Namibia's corridors border with the following countries, except:
- a) Botswana
 - b) South Africa
 - c) Tanzania
 - d) Zambia
- 1.10. Which of the modes of transport is not available in Namibia?
- a) Rail transport
 - b) Water transport
 - c) Pipeline transport
 - d) Air transport

QUESTION 2: TRUE/FALSE

2X10= 20 MARKS

State whether the following statements are true or false.

- 2.1. Inbound transport involves transferring vehicles that take pallets or break-bulk units from the warehouse to the production line and then taking the finished goods from the final production to the finished goods depot.
- 2.2. Logistics management activities typically include inbound and outbound transportation management, fleet management, warehousing, materials handling, order fulfilment, logistics network design, inventory management, supply/demand planning, and management of third-party logistics service providers.
- 2.3. The Namibia Port Authority mainly handles local cargo since it cannot handle cargo in transit to other states.
- 2.4. The characteristics of inventory handling are the cycle of stock, dead stock, seasonal stock, non-conformance stock, anticipation stock, and promotional stock.
- 2.5. Random demand, predictive demand, and fast and slow demand are not part of the three significant categories of demand and inventory.
- 2.6. Organisations keep inventory partly to compensate for the shutdown that is likely to occur in production.
- 2.7. Procurement should support operations with a satisfactory flow of goods and materials based on market conditions.
- 2.8. Logisticians provide essential information that enables goods' speedy and accurate movement to the front line.
- 2.9. The warehouse is a valuable asset for a firm.
- 2.10. The Trans-Oranje Corridor (previously known as the Southern Extension) is a tarred road linking the Ports of Walvis Bay and Lüderitz with the Northern Cape Province of South Africa.

SECTION B: STRUCTURED QUESTIONS

60 MARKS

QUESTION 3: CASE STUDY

18 Marks

Dry Bottle Manufacture is a Namibian firm that produces glass and plastic bottles for domestic and international consumption. In 2018, their business awareness went viral; as a result, their customer demand increased, especially from global clients. They are currently operating from a manufacturing plant of 2500 square meters located in the Northern Industrial area, where they pay rent of N\$115000.00 per month because they considered storage space too. Dry Bottle Manufacture has faced a storage space challenge since it started producing high quantities due to high demand. Apart from the storage challenge, the company has a limited number of fleets in transportation. The above challenges are imposing concerns on the company's supply chain.

As a logistic manager, recommend the company employ third-party logistics to ensure it delivers to its customers. In your recommendation:

- 3.1. Define third-party logistics and explain its relevance to the challenges faced by Dry Bottle Manufacture. **(2 Marks)**

- 3.2. Discuss five advantages of employing third-party logistics for Dry Bottle Manufacture's supply chain management. **(10 marks)**

- 3.3. Identify three modes of transportation suitable for shipping Dry Bottle Manufacture's products to customers. Justify your selection for each mode based on the company's circumstances and needs. **(6 Marks)**

QUESTION 4

12 MARKS

ABC Electronics is a multinational company specializing in the production of consumer electronics. With a diverse product line ranging from smartphones to home appliances, ABC Electronics operates multiple manufacturing facilities and distribution centre worldwide to meet the demands of its global customer base. Despite its success in the market, ABC Electronics encounters various challenges in its warehousing operations, which significantly impact its supply chain efficiency and customer satisfaction.

Required: Assess six common warehousing problems that companies like ABC Electronics may encounter in their operations and propose potential solutions to address each issue effectively.

QUESTION 5

27 MARKS

XYZ Corporation is a leading manufacturer of automotive components with operations spanning across multiple continents. With a diverse product range and a global customer base, XYZ Corporation operates several manufacturing plants and distribution centers worldwide to meet the demands of its clients. Despite its efficient production processes and supply chain management strategies, XYZ Corporation faces challenges in inventory management that impact its overall operations and customer satisfaction.

Required: Explain the concept of holding inventory in inventory management, outlining nine reasons why firms like XYZ Corporation hold inventory. Provide relevant examples to illustrate each reason, highlighting its significance in inventory management practices.

QUESTION 6

3 MARKS

Describe Outbound Transport.

SECTION B TOTAL: 60 MARKS

TOTAL MARKS: 100

THE END