



ZCAS University

MASTER OF SCIENCE - PROCUREMENT AND LOGISTICS

BBA 5402 LOGISTICS SYSTEMS MANAGEMENT

MIDTERM EXAMINATION

OCTOBER 2023

INSTRUCTIONS TO CANDIDATES.

- 1. Section A: Question One is compulsory.**
- 2. Section B: Answer Two (2) questions from this section.**
- 3. This examination paper carries a total of 100 marks.**
- 4. Candidates must not turn this page until the invigilator tells them to do so.**

TIME ALLOWED: THREE HOURS (plus 5 minutes to read the paper)

SECTION A: Question 1 is compulsory and must be answered

Question 1

Statement

Logistics is the process of planning, implementing and controlling the efficient and cost - effective flow and storage of raw materials, in-process inventory, finished goods and related information from the point of origin to the point of consumption, for the purpose of conforming to customer requirements.' Management of Business Logistics, Coyle, Bardi and Langley (2015). Logistics management is the function responsible for all aspects of the movement and storage of materials on their journey from original suppliers through to final customers or consumers, and Logistics is the time-related positioning of resources, or the strategic management of the total supply chain. Logistics management is also said to be the "process of planning, implementing, and controlling the efficient, effective flow and storage of goods, services, and related information from point of origin to point of consumption for the purpose of conforming to customer requirements."

NB: Logistics is about managing materials flow and information flow efficiently to achieve company objectives of a better return on invested capital.

Required.

Discuss by giving practical examples on how the "Seven Rights of Business Logistics" can be used to contribute to an organisation's profitability. Select a company of your choice where you have worked or are currently working and you have experience of its operations in the discussion

(Total: 40 Marks)

SECTION B: Answer any TWO questions in this section

Question 2

Statement

A company's materials handling system and processes are put in place to improve customer service, reduce inventory, shorten delivery time, and lower overall handling costs in manufacturing, distribution and transportation. Materials handling is also the movement, protection, storage and control of materials and products throughout manufacturing, warehousing, distribution, consumption and disposal. As a process, material handling incorporates a wide range of manual, semi-automated and automated equipment and systems that support logistics and make the supply chain work

Required.

Discuss how the application of materials handling techniques can enhance efficiency and profitability for an organisation. **(Total: 30 Marks)**

Question 3

Transport is a Key element of Logistics, as it facilitates the movement of goods and services within and abroad and make delivery to the "last mile" while...Logistics is the Main driver of all the networks in Supply Chain Management. In this regard, for an organisation that undertakes international business transactions, there may be times when the organisation would require the services of a Third Party Logistics Providers [3PLs], as these have worldwide business connections.

Required:

Explain in detail any Five [5] Roles of a Third Party Logistics Provider. **(Total: 30 Marks)**

Question 4

Statement

Logistics is the process of planning, implementing and controlling the efficient, cost effective flow and storage of goods, services and related information, from point of origin to point of consumption, for the purpose of conforming to customer requirement. Logistics involves the integration of Information, Transportation, Inventory, Warehousing, Material Handling and Packaging. Logistics is also responsible for the geographical positioning of Raw Materials, Work in Process and Finished Goods Inventory where required at the lowest cost possible. Logistics therefore, facilitates the flow of products through marketing channels to consumers

Required.

Discuss in detail by giving practical examples the Five (5) Key Issues for Effective Logistics

(Total: 30 Marks)

END OF EXAMINATION