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**KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR**  
**FIRST YEAR, FIRST SEMESTER EXAMINATION**  
**FOR THE DIPLOMA IN PROCUREMENT AND SUPPLY CHAIN**  
**MANAGEMENT**  
**DPS 1103: WAREHOUSING OPERATIONS AND STOCK CONTROL**

Date: 8<sup>TH</sup> DECEMBER, 2022  
Time: 8:30am-10:30am

**INSTRUCTIONS TO CANDIDATES**

**ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE (30 MARKS)**

- a) Discuss TWO advantages of a bonded warehouse. **(4 Marks)**
- b) Briefly Explain the main objectives of warehousing. **(5 Marks)**
- c) Explain briefly any five types of inventories. **(5 Marks)**
- d) Highlight three reasons why store security is vital. **(3 Marks)**
- e) List four advantages of containerization. **(4 Marks)**
- f) List four disadvantages of air transport. **(4 Marks)**
- g) Define the common causes of accidents in the store. **(5 Marks)**

**QUESTION TWO (20 MARKS)**

- a) Highlight the factors that are taken into consideration in deciding the warehouse location. **(10 Marks)**
- b) Inventory costs are the costs related to storing and maintaining its inventory over a certain period of time. These costs fall under three main categories. Discuss them. **(10 Marks)**

**QUESTION THREE (20 MARKS)**

- a) Highlight five advantages of a central warehouse. **(10 Marks)**
- b) Explain the advantages of using mechanized equipment. **(10 Marks)**

**QUESTION FOUR (20 MARKS)**

- a) One of the most important aspects of store management is security, which covers not only theft and fraud but also stock deterioration, damage, location and special storage. The use of security firms is one of the methods that can be used to secure warehouses. Explain the THREE advantages and TWO disadvantages of using security firms as a method of securing stores. **(10 Marks)**
- b) Material handling embraces all the basic operations involved in the movement of bulk, packaged and individual products by means of machinery and within the limits of a place of business. Discuss the basic material handling principles. **(10 Marks)**

**QUESTION FIVE (20 MARKS)**

- a) High-risk materials such as petrol, oils chemicals, explosives, spirits etc should be kept in a store usually designed for that purpose. Discuss FIVE advantages of the segregation of high-risk materials. **(10 Marks)**
- b) Explain FIVE factors that influence the choice of appropriate means of transport **(10 Marks)**