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**KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR**  
**FIRST YEAR, SECOND SEMESTER EXAMINATION**  
**FOR THE DIPLOMA IN PROCUREMENT AND SUPPLY CHAIN**  
**MANAGEMENT**  
**DPS 1201: SUPPLIES MANAGEMENT**

Date: 8<sup>TH</sup> DECEMBER, 2022  
Time: 2:30pm-4:30pm

**INSTRUCTIONS TO CANDIDATES**

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

**QUESTION ONE (30 MARKS)**

- a) An item stocked by a manufacturing firm has a lead time of 4 weeks, its average weekly usage is 40 units. A buffer stock of 20 units is maintained.
- i) Explain the reorder level system of inventory control. (4 Marks)
  - ii) Calculate the reorder level for the item. (6 Marks)
- b) discuss the inventory control systems available for organizations to adopt. (4 Marks)
- c) Differentiate inventory management and inventory control. (4 Marks)
- d) What are the responsibilities of Supply management personnel in an organization? (6 Marks)
- e) Discuss the relationship between purchasing and sales department. (6 Marks)

**QUESTION TWO (20 MARKS)**

- a) Explain six essential attributes of an effective storage system. (10 Marks)
- b) Discuss five consequences of an ineffective material handling system in supplies management. (10 Marks)

**QUESTION THREE (20 MARKS)**

- a) Transport System is one of the main factor of economic development. Discuss some of the essentials of a good transport system. (10 Marks)
- b) Distribution management is a key area in the supplies management of any business. Discuss some of the challenges that be experienced. (10 Marks)

**QUESTION FOUR (20 MARKS)**

- a) Discuss the different types of warehouse storage systems and mention the benefits of each. (10 Marks)
- b) Explain the role of inbound logistics in supply chain. (10 Marks)

**QUESTION FIVE (20 MARKS)**

- a) As the head of transport, what would you consider when choosing the most suitable mode of transport? (10 Marks)
- b) Using relevant examples, discuss the types of packaging systems used by manufacturing companies. (10 Marks)