

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2018/2019**

**YEAR II SEMESTER I EXAMINATION FOR THE DEGREE OF BACHELOR OF PROCUREMENT AND CONTRACT MANAGEMENT**

**HPS 2209: DISTRIBUTION WAREHOUSING**

**DATE: AUGUST 2019 TIME: 2 HOURS**

**INSRUCTIONS: Answer question one and any other two questions.**

QUESTION ONE (20 MARKS)

Jacobs Inc is a recent start up company majoring in importation of Electronic goods from South East Asian countries, mostly Veitnam. They are based in Nairobi, Kenya.

They recently hired you as their intern cum assistant supply chain manager.

Required

a. Explain to Jacobs Inc board the various modes of transport and their features.

 (8 marks)

b. Discuss they various types of warehouses available for Jacobs Inc can store their goods once they arrive at the Kenya Ports Authority. (6 marks)

c. Discuss at the Kenya Ports Authority. (6 marks)

d. Explain Third party logistics providers. (6 marks)

e. Explain the risk involved in the whole process i.e from the time the order is made to when the goods are delivered to the Nairobi HQ. (4 marks)

QUESTION TWO (20 MARKS)

a. Discuss five elements to consider when making a comprehensive warehouse security plan. (8 marks)

b. Define zone picking method. (2 marks)

c. Explain five factors that influence distributive Network design. (10 marks)

QUESTION THREE (20 MARKS)

a. Explain five key performance indicative of distribution and warehousing functions of a firm. (10 marks)

b. Discuss three categories of routing and scheduling problems. (6 marks)

c. What is a distribution center and explain the major difference between a distribution centre and a warehouse. (4 marks)

QUESTION FOUR (20 MARKS)

a. Define the following terms. (6 marks)

 i. Perfect order rate

 ii. Pick-to-box

 iii. Internal distribution.

b. Discuss the roles of different stakeholders in distribution and warehousing.

 (10 marks)

c. Discuss the factors to consider when planning on facility location. (4 marks)