

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

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

# **UNIVERSITY EXAMINATIONS 2014/2015**

**FOURTH YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SUPPLY CHAIN MANAGEMENT**

**HSM 2420 : ADVANCED LOGISTICS MANAGEMENT**

**DATE: AUGUST 2014 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE [COMPULSORY] AND ANY OTHER TWO QUESTIONS**

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**QUESTION ONE [COMPULSORY]**

1. Identify five (5) quantitative models from operations research that can be used to address the decision areas in logistics. [10 marks]
2. Explain in details each of the models you have identified above. [20 marks]

**QUESTION TWO**

Discuss concepts of “integrated logistics” and the total distribution” with significance to logistics. [20 marks]

**QUESTION THREE**

1. Define logistics [5 marks]
2. Explain the role of outbound logistics in case of consumable products. [15 marks]

**QUESTION FOUR**

Discuss in brief factors to be considered for taking decision on the number of

warehouses and their capacity for an agricultural fertilizer manufacturing

company. [20 marks]

**QUESTION FIVE**

Write short notes on any two (2) of the following :

1. Logistics in international trade
2. Packaging
3. Third party logistics
4. Role of IT in physical distribution . [20 marks]