

CHUKA



UNIVERSITY

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**EXAMINATION FOR THE AWARD OF
DIPLOMA IN PROCUREMENT AND LOGISTICS MANAGEMENT**

DPLM 0213: LOGISTICS MANAGEMENT

STREAMS: DPLM YIS2

TIME: 2 HOURS

DAY/DATE: FRIDAY 09/08/2019

8.30 AM – 10.30 AM

INSTRUCTIONS:

- **Answer Question One and any other Two Questions**
- **Be clear and neat, give examples where appropriate**

QUESTION ONE (30 MARKS)

- (a) The use of containers is widely becoming a modern technique of transportation among many organizations. Explain how containerization assist the National and international transportation of goods amongst countries citing the merits and demerits of use of the exercise globally. [10 marks]
- (b) Discuss the role of Information Communication Technology in logistics. [10 marks]
- (c) Discuss the health, security and safety issues of warehouses and goods in firms. [10 marks]

QUESTION TWO (20 MARKS)

- (a) Discuss the major transport modes used in logistics clearly showing their advantages and disadvantages in each case. [10 marks]
- (b) Discuss ways and means of gaining competitive advantage through logistics in modern organizations. [10 marks]

QUESTION THREE (20 MARKS)

Using examples, discuss the following terms as used in logistics

- (i) Logistics Resource Planning (LRP) [5 marks]
- (ii) Economic Order Quantity (EOQ) [5 marks]
- (iii) Distribution Resource Planning (DRP) [5 marks]
- (iv) Just in Time (JIT) [5 marks]

QUESTION FOUR (20 MARKS)

- (a) Discuss the value-added aspects to logistics in an organization using the Michael porters model. [10 marks]
 - (b) Explain the concept of reverse logistics in an organizational setup. [8 marks]
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