

UNIVERSITY OF BOLTON

OFF CAMPUS DIVISION

MIM MALAWI

MSC LOGISTICS & SUPPLY CHAIN MANAGEMENT

SEMESTER 1 EXAMINATION 2019/20

LOGISTICS MANAGEMENT

MODULE NO. SCM 7002

Date: 14TH December 2019

Time: 3 Hours

INSTRUCTIONS TO CANDIDATES:

There are six questions on this paper.

Answer 4 questions.

All questions carry equal marks.

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Off Campus Division
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MSc Logistics & Supply Chain Management
Semester 1 Examination 2019/20
Logistics Management
Module No. SCM7002

Question 1

a) Inventory is regarded as a source of value and as a source of cost. Critically discuss this statement.

(15 marks)

b) In the context of stock control, Economic Order Quantity (EOQ) is regarded as a widely used inventory Control technique. Discuss assumptions that should be taken into consideration when using EOQ.

(10 marks)

Question 2

You have been appointed the logistics manager of one of the product manufacturing unit in the supply chain. Some of the requirements of your job are to ensure that you maintain lean production, use Just-In-Time (JIT) and Materials Resource Requirement (MRP) principles. Explain comprehensively how you would use the principles of JIT and MRP to ensure that you maintain lean production.

(25 Marks)

Question 3

Mimosa Exporters Company would like to pigeon peas to India from Mulanje, Malawi. Explain how Mimosa Exporters Company could determine the mode of transport to be used and critically discuss the three modes of transport identified that you are going to use to transport 10, 000 metric tonnes of pigeon peas to India.

(25 Marks)

Question 4

Storage of supplies in manufacturing industry is very important. However, it is critical to take into consideration several factors when designing and operating storage facilities. Discuss the factors that should be taken into consideration in relation to storage and the steps that should be taken to reduce risks associated with storage facilities.

(25 Marks)

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Question 5

You have been offered an opportunity to be the sole distributor of U-fresh soap in Malawi by Candlex Limited for the first time. Being the first time, you are expected to design cost effective distribution network.

Required

With relevant examples critically discuss factors that will influence the design of the distribution network for U-fresh soap.

(25 Marks)

Question 6

Commonly employed measures of performance in the Logistics include 'Service Level' and 'Productivity'. Discuss how the two measures would be used as performance measures, in your answer identify the challenges that would be faced when seeking to achieve good results in both measures.

(25 Marks)

END OF QUESTIONS