



MOI UNIVERSITY

OFFICE OF THE DVC ACADEMIC AFFAIRS, RESEARCH AND EXTENSION

UNIVERSITY EXAMINATIONS

2016/2017 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS

**FOR THE DEGREE IN BACHELOR OF
BUSINESS AND ECONOMICS**

EXAM CODE: BBM 345

**EXAM TITLE: INVENTORY AND LOGISTICS
 MANAGEMENT**

DATE: 19TH JUNE, 2017

TIME: 2.00 P.M. –5.00 P.M.

INSTRUCTION TO CANDIDATES

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BBM 345: INVENTORY AND LOGISTICS MANAGEMENT

*Instructions: Answer Question **One** and any Other **Three** Questions.*

QUESTION ONE

Since logistics advanced from 1950s, there were numerous researches focused on these area indifferent applications. Due to the trend of nationalization and globalization in recent decades, the importance of logistics management has been growing in various areas. For industries, logistics helps to optimize the existing production and distribution processes based on the same resources through management techniques for promoting the efficiency and competitiveness of enterprises. The key element in a logistics chain is transportation system, which joints the separated activities. Transportation occupies one-third of the amount in the logistics costs and transportation systems influence the performance of logistics system hugely. Transporting is required in the whole production procedures, from manufacturing to delivery to the final consumers and returns. Only a good coordination between each component would bring the benefits to a maximum.

- a). Discuss how transport has supported logistics management. **(5 marks)**
- b). What logistics management mean? **(5 marks)**
- c). Discuss the effects of transportation on logistics activities. **(5marks)**
- d). Discuss various strategies for improving inventory management across complex supply chain network. **(10 marks)**

QUESTION TWO

- a). Logistics systems is a 'springboard' in perfection of organizations envisioned goals. Justify this statement by discussing ways and means of gaining competitive advantage through logistics. **(10 Marks)**
- b.) Examine the roles/duties of a logistics manager in line with the skills requirements for logistics efficiency. **(5 marks)**

QUESTION THREE

Write short notes on the following services performed by logistics, and distinguish the main fields:

- i. Procurement Logistics
- ii. Production Logistics
- iii. Distribution Logistics
- iv. After sales Logistics
- v. Disposal Logistics **(15marks)**

QUESTION FOUR

- a). Give various reasons for keeping inventory. **(7 marks)**
- b). Discuss the main functions of a qualified logistician. **(8mark)**

QUESTION FIVE

Discuss various components to examine when developing a Logistics Strategy. **(15marks)**

QUESTION SIX

Warehousing is used for the storage of inventories during all phases of the logistics process.

- a) Discuss, giving examples the factors you would take into account when deciding the size of a warehouse. **(5 Marks)**
- b) Describe three ways of measuring productivity of a ware house that you can use in performance management for warehousing staff **(5 marks)**
- c.) Identify and describe the types of warehouses an organization can use to achieve its warehousing goals and explain this statement “a warehouse should not be merely consisting of walls enclosing efficient handling systems” **(5marks)**