JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF BUSINESS & ECONOMICS

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF LOGISTICS MANAGEMENT

3RD YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR

KISUMU

COURSE CODE: BLM 3321

COURSE TITLE: LOGISTICS MANAGEMENT

EXAM VENUE: **STREAM: (BBA)**

DATE: **EXAM SESSION:**

TIME: 2 HOURS

Instructions:

1. **Answer questions ONE and ANY other TWO questions**
2. **Candidates are advised not to write on the question paper.**
3. **Candidates must hand in their answer booklets to the invigilator while in the examination room**

QUESTION ONE (30 MARKS) COMPULSORY

a) Highlight some of the functional areas and services in the field of Integrated Transport Systems (ITS). (7 marks)
b) Outline some of the major decisions that have to be taken in logistics systems, both at the design and at the operating level. (8 marks)
c) Identify some of the typical facilities design objectives. (4 marks)
d) Explain the following terms as used in Logistics.
   i) Users (2 marks)
   ii) Clients (2 marks)
   iii) Customers (2 marks)
e) Briefly discuss the concept of customer expectations in logistics. (5 marks)

QUESTION TWO (20 MARKS)

a) "Facilities Planning (FP) determines how an activities tangible fixed assets best support achieving the activity's objectives." Highlight how facilities achieve the objectives in the following cases. (3 marks)

b) Explain the factors that are likely to affect the location design decisions. (4 marks)

c) "An effective supply chain contributes to improved cost effectiveness in all parts of a program, and it can stretch limited resources." State the benefits of strengthening and maintaining a logistics system. (3 marks)

d) Explain the types of data that are collected in Logistics Management Information Systems. (10 marks)

QUESTION THREE (20 MARKS)

a) "The activities in the center of the logistics cycle represent the management support functions that inform and impact the other elements around the logistics cycle. " Describe the major activities in the Logistics cycle. (10 marks)
b) Highlight the four classifications of the benefits of Integrated Transport Systems (ITS). (4 marks)
c) Describe the types of logistics records and the information contained in them. (6 marks)

QUESTION FOUR (20 MARKS)

a) Outline the main points that are essential for any transportation network design, regardless of the size or complexity. (8 marks)
b) Trace and briefly describe the steps involved in facility design process. (12 marks)

QUESTION FIVE (20 MARKS)

a) "Just designing a transport network and allocating resources will not guarantee a well-functioning system. Development and implementation of a formal Transport Management System (TMS) will support and sustain a successful distribution network." Explain the activities involved in a comprehensive TMS. (8 marks)

b) Discuss the advantages of systems activities in a requisition (pull) system. (12 marks)

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF BUSINESS AND ECONOMICS

KISUMU CAMPUS

Course name : **LOGISTICS MANAGEMENT**

Credit Code : **BLM 3321**

Course level : **Year three semester 2**

Lecturer : **Samwel Okoth Otieno**

Contacts : **samokoth2006@gmail.com, 0720-226 353**

Course Description.

This course exposes the students to the issues central to logistics, facilities planning, location and transport as parts of an overall facility planning and location decisions.

Course Objectives

The principle objective of this course unit is to equip the students with the analytical skill and competencies so as to be able to professionally make the decision regarding facility location in relation to the transport and supply economies.

Expected Learning Outcomes.

At the end of this course unit, the student expects to have acquired the requisite skills, and knowledge to be able to:

1) Analyze facility planning and location decisions
2) Understand the design of ;logistics systems
3) To carry out economic and operations appraisal of infrastructural facilities and systems

Course Content.

Design of logistic systems, logistic positioning, planning and location of facilities, systems planning, design methodology and techniques transport planning, operations and economic appraisal of transport systems including infrastructure (roads, airports and seaports) and services, logistic information systems.

Reading List

Main Text.

Harrison, A., and R.W. Hoek (2011). Logistic Management and Strategy; Competing through the Supply Chain. Prentice Hall. UK.

Other Readings

1) Gainpaolo, G., G. Laporte, and R. Musmanno (2013). Introduction to Logistics Systems Management. Wiley. K.
2) Langford, J. (2006). Logistics: Principles and applications. McGraw Hill Professionals. UK.
3) Satish, C.A., and P.. Singh (2013). Logistics Management. PHI Learning Private Lmited. India.
4) Bowersox, D., D.Closs, and M.B. Cooper (2012). Supply Chain Logistics Management. McGraw-Hill/Irwin. UK.

Teaching Methodology

Class lectures, group assignments and presentations.

Assessment

Class participation	5%
Assignments	10%
Tests	15%

Semester examinations	70%