JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF BUSINESS & ECONOMICS

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF LOGISTICS AND SUPPLY CHAIN MANAGEMENT

4TH YEAR 1ST SEMESTER 2022/2023 ACADEMIC YEAR

MAIN CAMPUS

COURSE CODE: BEB 1403

COURSE TITLE: LOGISTICS INFORMATION SYSTEM

DATE: 07/12/2022   SESSION**: 15.00-17.00PM**

TIME: 2   HOURS

Instructions:

Answer any Three questions.

 Question One is Compulsory.

All questions carry equal marks.

QUESTION ONE

a) Desribe the functions of a System Analyst in the development of a Logistics Information System. (10 marks)

b) Discuss the role of Management Information System (MIS) and Executive Information System (ESS) in a Logistics Information
System.   L   (10 marks)

c) Discuss any FIVE Technologies and tools organizations can use to protect computer resources from unprecedented
risks.   (10 marks)

QUESTION TWO

a) Discuss the FOUR main Functionality areas of Logistics Information System
(LIS).
       (10 marks)

b) Discuss any FIVE contemporary issues in information technology that have influence on operations of Logistics Information System. (10 marks)

QUESTION THREE

a) Describe any FIVE main information system conversion strategies from old system to new system.   (10 marks)

b) Describe any FIVE Real world Information Technology (IT) ethical dilemmas.   (10 marks)

QUESTION FOUR

Describe roles of the following technologies and tools in the Logistics Information System;

 a) Radio Frequency Identification (RFID)

b) Expert System (ES)

c) Imaging technologies

d) Data mining   (20 marks)

QUESTION FIVE

Describe the role and functions of the following in the Logistics Information System (LIS)

a)   Transportation Management System (TMS)

b)   Warehouse Management System (WMS)

c)   Office Automation System (OAS)

d)   Decision Support System (DSS)   (20 marks)