



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) Describe 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)