



# TECHNICAL UNIVERSITY OF MOMBASA

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SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

SOCIAL SCIENCES

UNIVERSITY EXAMINATION FOR:

DIPLOMA OF LIBRARY AND INFORMATION STUDIES

BLS 2211: LIBRARY AUTOMATION

END OF SEMESTER EXAMINATION

**SERIES: APRIL 2016**

**TIME: 2 HOURS**

**DATE: 9 May 2016**

## Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

**Do not write on the question paper.**

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## Question ONE

- a. Define the following terms and phrases as used in library automation (10 Marks)
  - i. Library Management System (LMS)
  - ii. MARC
  - iii. Z39.50
  - iv. Source Code
  - v. Network topology
- b. Discuss the steps involved in selection of a system and its installation generally (20 Marks)

## Question TWO

- a. Discuss reasons libraries Adopt OSS (10 Marks)
- b. Discuss ten factors to consider while choosing an ILS (10 Marks)

## Question THREE

Discuss ten points that the System Purchase Agreement and Maintenance Agreement should address (20 Marks)

#### **Question FOUR**

Discuss the ten commandments of open source initiative **(20 Marks)**

#### **Question FIVE**

Discuss computer networking from the following **(20 Marks)**

- i. What Is a Network?
- ii. Network building blocks
- iii. Network functions
- iv. Network Topology