



TECHNICAL UNIVERSITY OF MOMBASA

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.

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