



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

SOCIAL SCIENCES

UNIVERSITY EXAMINATION FOR:

DIPLOMA IN 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. Module
 - ii. Database systems
 - iii. OPAC
 - iv. Serials Control Module
 - v. Open systems
- b. What are the general features of an Integrated Library Management system (20 Marks)

Question TWO

- a. Discuss the library automation standards supported by most systems? (6 Marks)
- b. Why is support for the MARC standard important? (7 Marks)
- c. Why is a bibliographic record in MARC format necessary? (7 Marks)

Question THREE

- a.** What is Z39.50? **(10 Marks)**
- b.** Discuss the following alternatives of acquiring library systems **(10 Marks)**
 - i. Stand-alone or in-house system,
 - ii. Shared system; and
 - iii. ASP service

Question FOUR

Discuss points addressed by the System Purchase Agreement and Maintenance Agreement. **(20 Marks)**

Question FIVE

- a.** What is OSS? Discuss three factors pushing the use of OSS in libraries **(10 Marks)**
- b.** Discuss the current Trends and Future Directions in Library Technology **(10 Marks)**