



**TECHNICAL UNIVERSITY OF MOMBASA**  
**Faculty Business & Social Studies**

DEPARTMENT OF LIBERAL STUDIES & COMMUNITY DEVELOPMENT

DIPLOMA IN INFORMATION SCIENCE (DIS 12S & 13J) (LIS)

BLR 2210: LIBRARY AUTOMATION

**END OF SEMESTER EXAMINATION**

**SERIES: APRIL 2014**

**TIME ALLOWED: 2 HOURS**

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*

This paper consists of sections **A** and **B**

Answer question **ONE (Compulsory)** and any other **TWO** questions

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

## **SECTION A (COMPULSORY)**

### **Question One**

- a) Define the following terms/phrases. **(10 marks)**
- (i) Library automation
  - (ii) Module
  - (iii) OPAC
  - (iv) Z39.50
  - (v) Pilot run
- b) Discuss the System Purchase and Maintenance Agreement and the various points it should address. **(10 marks)**
- c) What are “Open Systems”. Discuss Five commandments to identify a system as open **(10 marks)**

## **SECTION B (Attempt any TWO questions)**

### **Question Two**

- a) Discuss Network building blocks. **(10 marks)**
- b) What are the functions of Networks **(10 marks)**

### **Question Three**

- a) Discuss current trends and future directions in Library technology. **(10 marks)**
- b) What are the impacts of information technology on library services **(10 marks)**

### **Question Four**

What are Digital libraries? Discuss the services offered in a digital library **(20 marks)**

### **Question Five**

What are the general features of Integrated Library Systems? **(20 marks)**