



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

P.O. Box 62157
00200 Nairobi - KENYA
Telephone: 891601-6
Fax: 254-20-891084
E-mail: academics@cuea.edu

AUGUST – DECEMBER 2018 TRIMESTER

FACULTY OF SCIENCE

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

REGULAR PROGRAMME

DLIS 117: AUTOMATION OF LIBRARIES AND INFORMATION PROCESSES

Date: DECEMBER 2018

Duration: 2 Hours

INSTRUCTIONS: Answer Question ONE and ANY OTHER TWO Questions

- Q1. a) Outline the functions of the following modules in an integrated Library System (ILS) **(12marks)**
- i) OPAC
 - ii) Serial control module
 - iii) Circulation module
- b) What are the main reasons for automating a library? **(4marks)**
- c) Discuss the services which a library could offer which came about as a result of convergence of information technology and telecommunication services **(5marks)**
- d) Briefly discuss any three library automation standards **(9marks)**
- Q2. a) Outline the factors you would consider when selecting a library management software **(8marks)**
- b) Discuss the factors that hinder the use of the internet in academic libraries **(6 marks)**
- c) Outline the advantages of using an in-house library system **(6marks)**
- Q3. a) What is system migration **(2marks)**

- b) Briefly explain the factors that contribute to system migration **(10marks)**
- c) Discuss the advantages of adopting a cooperative developed system or shared system **(8marks)**
- Q4. a) A certain funding agency wants to fund your library automation project. Explain in details what you would include in your budget for their consideration **(10marks)**
- b) Outline three types of application software and how such could help the librarian do his/her daily work **(6marks)**
- c) Name any two types of output devices **(2marks)**
- d) Name two types of computer networks **(2marks)**
- Q5. a) Discuss the advantages of using open source software in management of library operations **(8marks)**
- b) Name any two system software **(2marks)**
- c) What is a proprietary software **(2marks)**
- d) As a system librarian outline the reasons why you would recommend the adoption of a proprietary software in an academic library **(8marks)**

END