



**THE CATHOLIC UNIVERSITY OF EASTERN AFRICA**

**A. M. E. C. E. A**

**MAIN EXAMINATION**

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**AUGUST – DECEMBER 2018 TRIMESTER**

**FACULTY OF SCIENCE**

**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE**

**REGULAR PROGRAMME**

**LIS 105: AUTOMATION OF LIBRARIES AND INFORMATION PROCESSES**

**Date: DECEMBER 2018**

**Duration: 2 Hours**

**INSTRUCTIONS: Answer Question ONE and ANY OTHER TWO Questions**

- Q1. a) A newly established research center is aiming at automating all its information based services. Your consultancy firm has been approached to help them with this grand project. What advice would you give them for/against the following forms of acquiring their requisite application software.
- i) Open Source software **(10 marks)**
  - ii) Turn Key software **(10 marks)**
- b) i) What is a feasibility study? **(2 marks)**
- ii) Discuss two types of feasibility you can apply to a library management software **(8 marks)**
- Q2. a) Web Online Public Access Catalogue have become almost universal in present day library systems. Discuss their advantages and disadvantages **(10 Marks)**
- b) What is a bar code **(2 marks)**
- c) What are the benefits of bar coding of library materials **(4marks)**
- d) Give the advantages of adopting an in house library system **(4marks)**

- Q3. a) Discuss the factors you would consider in migrating to a new automated system in a university library, highlighting the challenges likely to be encountered and possible solutions. **(8 marks)**
- b) Explain the factors you would consider in evaluating a library automation project as a system librarian. **(6marks)**
- c) Define digitization **(2marks)**
- d) What are the benefits of digitization in a university library **(4marks)**
- Q4. a) In your own words describe what is an Integrated Library Management Systems (ILMS) **(2marks)**
- b) Discuss the features of any two modules of a named integrated library system, highlighting their strengths and weaknesses. **(8 marks)**
- c) Discuss the factors that should be considered for effective planning and implementation of new information technologies in libraries **(10marks)**
- Q5. As a system librarian in a named library or information centre, discuss the costs involved in undertaking an automation project and explain how you would justify these costs to management of the organization **(20 Marks)**

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