



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

MAY - JULY 2016 TRIMESTER

FACULTY OF COMMERCE

DEPARTMENT OF ACCOUNTING AND FINANCE

EVENING PROGRAMME

CIS 111: INTRODUCTION TO INFORMATION TECHNOLOGY

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| Date: July 2016 | Duration: 2 Hours |
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| Instructions: Answer Question ONE and any other TWO Questions |
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- Q1. a) A computer system consists of four main parts, namely Input, Central Processing Unit(CPU), Secondary or Backing storage and output. Briefly show these parts on a diagram clearly indicating,
- i) The three components of the CPU **(3 marks)**
 - ii) Flow of data and control within the computer system, making clear distinctions between them. **(4 marks)**
 - iii) Give a brief description of each of the components **(3 marks)**
- b) The function of management is to organize men, money, materials and machines to enable organizations to effectively meet their objectives. To assist them make decisions and action based on these decisions, management has recognized the advantages of using computers in their organizations. In reference to that statement;
- i) Distinguish between data and information **(2 marks)**
 - ii) Explain any four challenges of IS **(4 marks)**
 - iii) Explain any four qualities of good information **(4 marks)**
- Q2 a) Using an example of your choice discuss the role of information systems in the context of the **three** important resources of an organization. **(6 marks)**
- b) Briefly outline four policy issues that should be put in place to reduce viruses from attacking your network. **(8 marks)**
- c) Describe six key tools that can be considered in managing security of computerized systems in an organization. **(6 marks)**

- Q3. a) List and explain five main factors that you would consider when purchasing a computer system or systems for your organization. **(5 marks)**
- b) Briefly outline **three** major sources of softwares. **(6 marks)**
- Q4. Despite computerization having a positive impact on many aspects of human life, there are also ethical and societal concerns of I.T use. Discuss this statement with emphasis on the ethical and societal concerns of I.T use. **(10 marks)**

END