



# THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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**MAIN EXAMINATION**

**AUGUST - DECEMBER 2016 TRIMESTER**

**FACULTY OF COMMERCE**

**DEPARTMENT OF ACCOUNTING AND FINANCE**

**EVENING PROGRAMME**

**CIS 111: INTRODUCTION TO INFORMATION TECHNOLOGY**

**Date: DECEMBER 2016**

**Duration: 2 Hours**

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

- Q1. a) Computer systems are vulnerable to many threats that can inflict various types of damage. As a first level supervisor in the account department in one of organizations, outline possible threats to your computer system in that department. **(20 marks)**
- b) Discuss the main functions of Operating System (O/S) **(10 marks)**
- Q2. a) What is a Topology? **(2marks)**
- b) What are the three main topologies commonly used in a network. **(8 marks)**
- c) What is a computer network? Outline the advantages of using a network in an organization. **(10 marks)**
- Q3. a) What are the main differences between impact printer and non impact printers. **(10 marks)**
- b) Distinguish the two types of primary memory **(4 marks)**

- c) Define the following terms;  
i) Cache memory  
ii) PROM  
III) CPU **(6 marks)**

- Q4. a) Discuss any **FIVE** factors apart from cost you would consider when purchasing computer software for a particular application for use . **(10 marks)**
- b) Describe the two broad categories of computer software. **(5marks)**
- c) Give two examples of systems and application software. **(5 marks)**

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