



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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MAIN EXAMINATION

MAY – JULY 2016 TRIMESTER

FACULTY OF COMMERCE

DEPARTMENT OF ACCOUNTING AND FINANCE

REGULAR PROGRAMME

**CID 071: INTRODUCTION TO COMPUTER AND INFORMATION
TECHNOLOGY**

Date: JULY 2016

Duration: 2 Hours

INSTRUCTIONS: Answer Question ONE and ANY OTHER TWO Questions

- Q1. a) Define the following terms as used in computer applications
- i Computer
 - ii Software
 - iii Hardware
 - iv Database
 - v CPU
- (5 marks)**
- b) List and explain the functions of any THREE computer input devices and TWO computer output devices.
- (5 marks)**
- c) Classify computers according to purpose and functionality. Give an explanation in each case.
- (10 marks)**
- d) There are totally FIVE computer generations known till date. List the computer generations and discuss the features of each of the generation.
- (10 marks)**
- Q2. a) Much of the world runs on computers and computers profoundly changed human life mostly for better. Discuss any FIVE characteristics for computers.
- (10 marks)**

- b) What is DBMS (2 marks)
- c) State the uses of a DBMS (4 marks)
- d) Discuss the roles of a database administrator. (4 marks)
- Q3. a) What is business software. Give examples of business software. (5 marks)
- b) Describe any FIVE business tools in use today. (15 marks)
- Q4. a) What is a network topology? (5 marks)
- b) List out the advantages and drawbacks of any THREE network topologies. Use illustrations. (15 marks)

END