



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

AUGUST – DECEMBER 2018 TRIMESTER

FACULTY OF SCIENCE

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

REGULAR PROGRAMME

CLIS 112: INTRODUCTION TO ICT

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Date: DECEMBER 2018

Duration: 2 Hours

INSTRUCTIONS: Answer Question ONE and ANY OTHER TWO Questions

- Q1. a) Define the following terms as used in ICT
- i) Computer **(2 marks)**
 - ii) Data **(2 marks)**
 - iii) Information **(2 marks)**
 - iv) Workstation **(2 marks)**
 - v) CPU **(2 marks)**
- b) All types of computers perform Five basic operations for converting data into information. Describe them. **(10 marks)**
- c) Name and define any Three input devices used in a computer **(6 marks)**
- d) Define Two output devices used in a computer, stating their functions **(4 marks)**
- Q2. a) Write short notes on the roles of computers in the following fields
- i) Education **(2 marks)**
 - ii) Communication **(2 marks)**
 - iii) Information provision **(2 marks)**
 - iv) Health **(2 marks)**
 - v) Banking **(2 marks)**
- b) State and explain Five factors to consider when buying a printer for the library **(10 marks)**

- Q3. a) List and explain Five application software used by computers **(10 marks)**
b) Enumerate Five advantages of computers **(10 marks)**
- Q4. a) Briefly discuss the broad classes of computers as based on speed and computing power. **(10 marks)**
b) Name and write short notes on types of printers **(10 marks)**
- Q5. a) Briefly state and discuss Five hardware's required to set up a computer network. **(10 marks)**
b) Outline Five prominent characteristic of the operating system in a computer **(10 marks)**

END