

KIBABII UNIVERSITY COLLEGE
(A Constituent College of Masinde Muliro University of Science and Technology)

UNIVERSITY EXAMINATION 2013/2014

FOR THE CERTIFICATE IN CRIMINOLOGY AND SOCIAL WORK

COURSE CODE: CCR 004

COURSE TITLE: COMPUTER APPLICATIONS

DATE: April, 2014

TIME: 2 Hrs

INSTRUCTIONS

Answer question ONE and Any Other TWO questions

Section A (24 Marks)

Question 1.

1. Define the following terms (5 marks)
 - a. Computer System
 - b. Analog computer
 - c. Antivirus
 - d. Artificial intelligence
 - e. Peripheral device
2. Describe five application areas of computers (10 Marks)
3. Differentiate between ROM and RAM (3 Marks)
4. Differentiate between the following pair of terms as used in database design:
 - (i) Table and query [2 marks]
4. One has to make a number of considerations before purchasing any given computer. Give any four considerations you have to make before purchasing a business or a personal computer.

[4 marks]

SECTION B

Question 1(18 Marks)

1. Outline any six features of a word processor e.g Ms Word [6 marks]
2. List the steps that you can follow when performing the following task in processing a word document. (8mks)
 - a. Creating a new a file
 - b. Saving a file
 - c. Closing a document
3. State four symptoms of computer Viruses (4mks)

Question 2 (18 Marks)

1. Draw and describe a diagram showing the computer architecture (8 Marks)
2. Name and explain any 3 types of buses found in the Central Processing Unit (3 Marks)
3. Differentiate between (4 Marks)
 - a. softcopy output and hard copy output
 - b. Impact printers and non-impact printers
4. Explain the following objects used in database design based on MS Access. (3mks)
 - a. Forms
 - b. Queries
 - c. Reports

Question 3 (18 Marks)

1. Explain the three main functions of an operating system. [6 marks]
2. Distinguish between File Save and File Save AS commands [4 marks]
3. Explain the following terms
 - (i) A spreadsheet [2 marks]
 - (ii) A cell [2 marks]
4. Describe any two devices that utilize the computer technology (4 Mark)

Question 4 (18 Marks)

1. Name and explain any two types of special purpose memories (4 Marks)
2. What is the main function of the power supply unit of a computer (1 Mark)
Convert power from AC to DC

3. Arrange the following in order of increasing memory size (5 Marks)
- a. Hard disk
 - b. Floppy disk
 - c. Magnetic tape
 - d. DVD
 - e. CD
4. In a Windows start menu, the following functionalities are available. Define the functions of these features:-
- a. Switch
 - b. Log off
 - c. Lock (3 Marks)
5. Compare and contrast between the following:
- i.) DVD and CD
 - ii.) A Window and a dialogue box (4 Marks)
6. Define the following term as used in computing. (1 Marks)
- a. Icon