



**KIBABII UNIVERSITY COLLEGE**

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**UNIVERSITY REGULAR EXAMINATIONS**

**2013 /2014 ACADEMIC YEAR**

**2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER EXAMINATIONS**

**(MAIN EXAMINATION)**

**COURSE CODE: CCR/CSD 004**

**COURSE TITLE: COMPUTER APPLICATIONS**

**DATE: 18<sup>TH</sup> AUGUST, 2014**

**TIME: 9:00A.M.-11:00A.M.**

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**INSTRUCTIONS TO CANDIDATES:**

Attempt question **ONE (1)** and **ANY TWO (2)** other questions from section B.

**Question # 1**

- a) Name the parts of a computer system shown below. [ 7 marks]



- b) What is the difference between [ 6 marks]
- i) **data and information**
  - ii) **computer and computer system**
- c) Apart from access, list any four database management system used by different organizations. [2 marks]
- d) Write brief notes on **third** and **fourth** computer generation pointing out the technological advancement in each case. [ 6 marks]
- e) State and explain two main features that make up the desktop interface. [ 5 marks]

**Question # 2**

- a. Differentiate between system software and application software. [4 marks]
- b. What are four basic features that make an MS word the best word processing software [4 marks]
- c. Explain how you will insert three columns in a word document. [4 marks]

- d. Describe how you will create a folder named CCR 004 on the desktop and transfer a document stored on a flash to the created folder. [ 6 marks]

**Question # 3**

- a) Define the following terms clearly [5 marks]

- i. Database
- ii. Primary key
- iii. Foreign key
- iv. Field
- v. Record

- b) A students' database comprises of students' details table and payments table as shown below:

STUYDENT DETAIL TABLE
Surname
Middle_Name
First Name
Reg_No
Department
Date

PAYMENT TABLE
Reg_No
Date
Amount
Receipt_Number

- (i) State the primary key for each table. [2 marks]

- (ii) Explain why Reg\_No is repeated in the two tables your answer.

[3marks]

- (iii) State the appropriate data type for each of the field in the two tables [5 marks]

- c) i) Discuss any five advantages of using database objects as opposed to file system [ 5marks]

**Question # 4**

a) Define the terms:

i) Browser

ii) Search engine

iii) E-mail

[6 marks]

b) Explain any five benefits brought up by the internet to the society. [5 mark]

c) You arrive home from university for long holiday and your chief requests you to plan and address other youth on the importance of being ICT compliance. To make the presentation lively, you decide to make use of various ICT tools such as projector, computer among others. Which application software are you going to make use of? And what features of the software will you like embrace so as to achieve the best outcome of your presentation? [7 marks]

**Question # 5**

a) Differentiate between relative referencing and absolute referencing using relevant examples. [4 marks]

b) Discuss any four functions used in the MS excel application. [4 marks]

c) Consider the following KIBUCO grading system (A for 70 and above, B for 60 to 69, C for 50 to 59, D for 40 to 49 and E between 0 and 39). Using a relevant reference column, write a function that KIBUCO will use to implement this grading in MS excel. [5 marks]

d) Describe how you will attach and send a file to your friend via an e-mail. [5 marks]