KIBABII UNIVERSITY COLLEGE

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UNIVERSITY REGULARY EXAMINATIONS

2012 /2013 ACADEMIC YEAR

FOR THE DIPLOMA

IN CRIMINOLOGY AND SOCIAL WORK

(MAIN EXAMINATION)

COURSE CODE: DSC/DCR 053

COURSE TITLE: COMPUTER APPLICATIONS

DATE: 22nd August, 2013   **TIME:** 9.00a.m – Noon

_____

INSTRUCTIONS TO CANDIDATES:

Answer Questions **ONE** and any other **TWO**

Question One (20 Marks)

i.) From which menu would you find Format Paint?

A. File

B. Edit

C. Format

D. None of the above

ii.) Which of the following is considered a formatting feature

A. Save

B. Font Style

C. Redo and Undo

D. Print Layout

iii.) Using a Keyboard, you can

A. Highlight

B. Type a Character

C. Select

D. All of the above

iv.) Which of the following is involved in creating a document

A. Saving

B. Entering text

C. Formatting text

D. All of the above

v.) Which of the following is not a DBMS

A. Oracle

B. Dbase 3

C. Ms Access

D. Corel

vi.) Using the _____, you can cut, copy, paste, rename, and delete folders and files

A. Control Panel

B. Internet Explorer

C. Taskbar

D. None of the above

vii.) Ms Access Is an example of _____ DBMS

A. Relational

B. Object

C. Networked

D. Hierarchical

viii.) _____ is icon provides access to the resources on your computer

A. Windows Explorer

B. Taskbar

C. Recycle Bin

D. None of the above

ix.) A desktop shortcut is a small file that DOES NOT point to a _____

A. Program

B. Button

C. Document

D. Folder

x.) Which one of the following is NOT a formatting feature of a Word Processor

A. Text Alignment

B. Case Changing

C. Line and character spacing

D. Editing.

Study the following spread sheet below and answer the questions that follow:

	A	B	C	D	E
1		Sausage	Chapati	Coffee	
2	Andrew	1	1	2	
3	James	5	2	2	
4	Davidson	4	3	2	
5	Zedekiah	2	1	2	
6	**Cost**	**30**	**15**	**5**	

xi.) The expression SUM (E2:E5) would obtain whose expenditure?

A. Andrew

C. James

B. Zedekiah

D. None of the above

Which expression would you use to obtain

xii.)   Total Expenditure by James

A. = Add(B6*B5+C6*C5+D6*D5)

C. B6*B5+C6*C5+D6*D5

B. Sum(B6*B5+C6*C4+D6*D4)

D. = B6*B5+C6*C5+D6*D5

xiii.)   The number of Coffee taken

A. Sum(D2:D5)

B. D2+D3+D4+D5

C. Sum(D1:D5)

D. = Sum(D2:D5)

xiv.)   Which of the following toolbars is NOT provided for in Ms Word

A. Menu Bar   C. Status

B. Standard Toolbar   D. Formula Bar

xv.)   We say the computing world is an analogy where we try and fit the real world in to the computing world. We can therefore compare and contrast very closely between human beings and a computing system. In your understanding of the critical parts of a computing system, state and briefly explain the equivalence of the following in human beings.

    a.) Firmware   b.) Hardware   c.) Software

                                                  (6 Marks)

Question Two (20 Marks)

a.)   Define the following as used in Computing

   i) Booting

   ii) Multi User Single Tasking   (2Marks)

b.)   Giving examples, describe the impact of computing technology in the following areas:

    a)   Security   c) Banking

    b)   Politics   d) Marketing   (8 Marks)

c.)   Compare and contrast between the following:

    i)   Username and Password

    ii)   Administrative and User Account

    iii)   Firmware and Software

                       (6 Marks)

d.)   Define the following as used in Computing

    i.)   Warm Booting

    ii.)   Utility Program   (4 Marks)

Question Three **(20 Marks)**

1) Prof. Okoth Okombo is a time conscious lecturer who undertakes his duties on time. One morning, he walks into his office only to realise that his computer is not displaying the system clock at the bottom right hand corner. He calls you to assist him since he knows you are conversant with the computer environment. Which of the following two ways would you pursue to help him?

   i) Right click at the bottom right hand corner of the screen, select on properties, then check the 'Show Clock' checkbox.

   ii) Right click at the bottom right hand corner of the screen, unselect the 'Lock the Taskbar' check box, select Properties, click on customize then select on 'Show Clock' checkbox.

   iii) Click on the 'Start' button, go to the Control Panel, select on 'Tasks and Menu' option, and then enable the 'Show Clock' checkbox.

   iv) Right click at the bottom right hand corner of the screen then enable the 'Show Clock' checkbox.

   v) Click on the 'Start' button, select on the Control Panel, click on the 'Tasks and Start' Menu option, click on customize, then uncheck the 'Hide inactive icons' check box to display the system clock. (4 Marks)

2) Which of the following is not a type of operating system? (2 Marks)

   i) Windows operating system   iv) Disk Operating System

   ii) Linux operating system   v) None of the above

   iii) Novel Netware   vi) All of the above

3) Which of the following is NOT utility software? (2 Marks)

   i) Disk fragmenters   iii) Anti-Virus

   ii) Backup and Restore

4)

   a) What is a User Account? (2 Marks)

   b) Why would one need a user account on a computer? (2 Marks)

   c) Describe any two characteristics of a good password (2Marks)

   d) Describe any two types of accounts that can be created o a computer.

   (4 Marks)

5) State commands that performs the following functions in a SUST type of an operating system.

   a) Creates a file called FileOne.txt

   b) Changes from one directory to another

   c) Deletes a directory called MyFiles

   d) Deletes a file by the name FileOne.txt   (2 Marks)

Question Four (20 Marks)

1)

   a) What is a computer?   (1 Mark)

   b) A computer is a device used in the advancement of technology in the Information Communication and Technology (ICT) field. Define the term ICT.(6 marks)

   c) Describe a computing environment   (3 Marks)

   d) Describe any two devices that utilize the computer technology   (1 Mark)

2) In a Windows start menu, the following functionalities are available. Define the functions of these features:-

      a)   Switch User

      b)   Log off

      c)   Lock

          (3 Marks)

3) Given a computer so that you can assess its performance having some knowledge on computers from your computer applications class, which of the following is true:

   a) A computer with high memory capacity and average processor speed is better in performance

   b) A computer with high processor speed and average memory capacity is better in performance

   c) A computer with average memory and processor speeds but high capacity in Hard disk space is better in performance.

   d) None of the above

Explain your answer   (6 Marks)

Question Five (20 Marks)

1) Define the following terms as used within the computing field

   a) Social Networking   c) Web Site

   b) Cyber Crime   d) E-mail   (4 Marks)

2) With the required drivers, we can install a printer on the computer in two ways.

   a) What do we mean by the term 'drivers'?   (2 Marks)

   b) In computing, in which category are drivers, Operating, application or utility software? Explain   (4 Marks)

3) Compare and contrast between the following:

   i.)   DVD and CD

   ii.)   A Window and a dialogue box   (4 Marks)

4) Define the following terms as used in computing

   a) Icon   b) Worm   (2 Marks)

5) Describe two advantages and disadvantages of using the internet   (4 Marks)