(Knowledge for Development)

KIBABII UNIVERSITY COLLEGE

A CONSTITUENT COLLEGE OF

MASINDE MULIRO UNIVERSITY OF

SCIENCE AND TECHNOLOGY

UNIVERSITY EXAMINATIONS

2014/2015 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER

MAIN EXAMINATION

FOR THE DEGREE OF

BACHELOR OF SCIENCE COMPUTER SCIENCE

COURSE CODE: CSC 109

COURSE TITLE: COMPUTER APPLICATIONS

**DATE:** 8th MAY, 2015   **TIME:** 3.00-5.00PM

INSTRUCTIONS TO CANDIDATES
Answer Question One in Section A and Any other TWO (2) Questions in Section B

QUESTION 1:

i. State the category of software under which MS. Word falls (1 Mk)
ii. What do we use Ms. Word Thesaurus for? (1 Mk)
iii. What is the minimum number of rows and columns in an MS Word document? (1 Mk)
iv. State the maximum number of columns that you can insert in a word document? (1 Mk)
v. State the smallest and largest font size available in Font Size tool on formatting toolbar? (2 Mk)
vi. What do we call a character that is raised and smaller above the baseline? (1 Mk)
vii. MS-Word automatically moves the text to the next line when it reaches the

Right edge of the screen and is called? (2 Mk)

viii. By default, on which page is the header or the footer is printed? (2 Mk)
ix. Which menu in MSWord can be used to change character size and typeface? (1 Mk)
x. Which key should be pressed to start a new paragraph in MS-Word? (1 Mk)
xi. Which bar is usually located below that Title Bar that provides categorized options? (1 Mk)
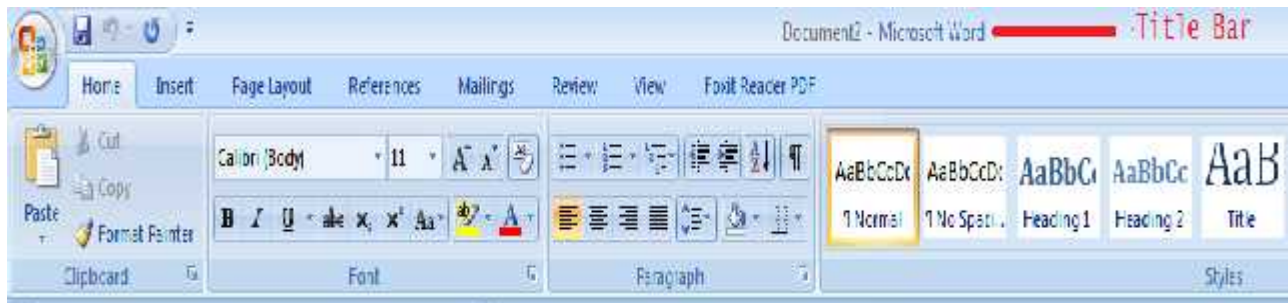
xii. What is the function of Ctrl + B in Ms-Word? (1 Mk)
xiii. What is the extension of files created in Ms-Word 97- 2003 and 2007 respectively? (2 Mk)
xiv. Which shortcut key is used to spell check in MS-Word? (1 Mk)
xv. In MS-Word documents, shortcut SHIFT+DELETE is used to (2 Mk)
xvi. A bookmark is an item or location in document that you identify a name for future Reference. What do we accomplish by using bookmarks? (2 Mk)
xvii. What is the maximum number of lines you can set for a drop cap? (1 Mk)
xviii. What are Macros? (2 Mk)
xix. Name three release versions of MS. Word to date (3 Mk)
xx. What feature helps you to inserts the contents of the Clipboard as text without any formatting in MS Word? (2 Mk)

QUESTION 2:

Citing relevant examples, describe the following as applied in

       Computing: (10 Mk)
       a) Hardware
       b) Software
       c) System Software
       d) Utility Software
       e) Operating System

i.   Name four components mounted on the Computer System (Mother) Board   (4 Mk)

ii.   Compare and contrast between Input and Output subsystems of the Computer system.   (4 Mk)

iii.   State what the following Keyboard shortcuts achieve   (2 Mk)
       a) CTRL + Alt + Del
       b) Window Key + R

QUESTION 3:

Explain what the following formulae achieve: (6 Mk)

       a) =(C1(/B1+C1+A1)*100)
       b) =((A1+B1)/2)+C1
       c) =SUM(F1:F6)

i.   The annual rainfall average as tabulated below:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1																
2						Annual Rainfal Record For 2014										
3						Department of Environment & Natural Resources Bungoma County										
4	January	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
5	February	0	0	0	0	0	0	2	3	0	0	0	0	0	2	1
6	March	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
7	April	4	8	16	9	22	3	6	0	3	0	6	1	1	6	9
8	May	22	12	0	2	2	12	8	8	12	12	21	11	22	11	22
9	June	23	22	13	27	18	22	21	23	34	23	23	21	22	29	30
10	July	52	88	44	21	23	25	23	40	22	22	21	29	32	23	25

       a) What does the formula below achieve?   (2 Mk)

          =SUM(B4:P4)

b) Write an excel formula to compute the average recording for the first 15 days of April (2 Mk)

ii. What is DBMS? (2 Mk)

    a. Explain what the illustration below achieves: (4 Mk)

Show/Hide	
STUDENTS	
Field Name	Data Type
ID	AutoNumber
firstName	Text
surName	Text
yob	Date/Time
e-mail	Text

    b. Explain the following as applied in Ms. Access: (4 Mk)

       i. Form:
      ii. Query:
     iii. Table:
     iv. Report:

QUESTION 4:

i. Name any three layouts we can use for a Presentation slide (3 Mk)
ii. Outline 3 multimedia contents you can attach to a presentation slide (3 Mk)
iii. Describe what slide show set up entails (2 Mk)
iv. Name any two designs that can be applied to a slide (2 Mk)
v. Name three blank page sizes used for desktop publishing (3 Mk)
vi. Explain the procedure followed in setting page margins in Microsoft Publisher 2007 (3 Mk)
vii. Briefly explain any four consideration you would make in designing a corporate brochure (4 Mk)

QUESTION 5:

Briefly explain what is meant by the following: (6 Mk)

       a) The internet
       b) Electronic Mail
       c) World Wide Web

i. How has the internet enabled virtual market places? (2 Mk)

ii.	What is HTML?	(2 Mk)
iii.	Explain POP3 and SMTP as applied in Ms. Outlook mail Client	(4 Mk)
iv.	Name three internet browsers commonly in use today	(2 Mk)
v.	What is web hosting?	(2 Mk)
vi.	Explain protocols and standards as applied in internet technology	(2 Mk)

************* END ********************

Good Luck