KENYA METHODIST UNIVERSITY

END OF 2ND TRIMESTER 2010 EXAMINATIONS

FACULTY   :   SCIENCE AND TECHNOLOGY
DEPARTMENT   :   COMPUTER SCIENCE & BUSINESS INFORMATION
UNIT CODE   :   COMP 100
UNIT TITLE   :   COMPUTER APPLICATIONS
TIME   :   2 HOURS

Instructions:

- *Answer question one and any other two questions.*

Question 1

a. State any five functions of the operating system.   [5 MKS]
b. Give the description of the following as used on the Windows screen.   [4 MKS]
  a. Folder
  b. Desktop
  c. Recycle Bin
  d. File
c. What do you understand by the following terms: - Software, Virtual Memory, Multi-user system.
                                                            [6 MKS]
d. How would you prevent virus attacks?   [5 MKS]
e. What purpose does the NUM LOCK key serve?   [2 MKS]
f. Give any four features of a good word processor.   [4 MKS]
g. What are some of the features of the fifth generation computers?   [4 MKS]

Question 2

a. Differentiate between:- Optical character reader (OCR) and Optical mark reader (OMR)
                                                            [4 MKS]
b. What type of software would you use to store, keep and retrieve data? Give an example.
                                                            [2 MKS]
c. Give four (4) examples of removable storage media.   [4 MKS]
d. What shortcuts would you use in MS Word to:- Select all, Cut, Undo, Redo, paste. [5 MKS]

Question 3

a. The CPU has two main parts, give and explain the functions of each.   [4 MKS]
b. What is an OS? Give two examples   [3 MKS]
c. What advantages does dot-matrix printers have over LaserJet printers?   [4 MKS]
d. How are computers applied in Health care systems?   [4 MKS]

Question 4

a. State the steps for putting a shortcut on the desktop.   [3 MKS]
b. Convert
  a. $A24_{16}$ to octal.   [2 MKS]
  b. 73_8 to decimal   [2 MKS]
  c. 61_{10} to Hexadecimal   [2 MKS]
c. The keys on your keyboard can be divided into several groups based on function, give any four divisions and what they do.   [4MKS]
d. What are some of the functions available in MS Excel applications?   [2MKS]