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PAPER   :   BASIC COMPUTER LITERACY

DURATION   :   3 HOURS

INSTRUCTIONS

- **DO NOT OPEN THIS QUESTION PAPER UNTIL YOU ARE TOLD TO DO SO.**

- Read the instructions carefully on the cover of this question paper

- Attempt any *five* questions, Section A is COMPULSORY

- Choose FOUR Questions in Section B

- Each question carries 20 marks

- Do not write anything on the question paper.

SECTION A

Choose as appropriate from given options

1. Which keyboard shortcut bolds selected text?

    A. Ctrl + B

    B. Alt + B

    C. File/Format/Bold

    D. None of the above

2. In order to save an existing document with a different name you need to:

    A. Retype the document and give it a different name

    B. Use the Save as…command

C. Copy and paste the original document to a new document and then save.

D. Use Windows Explorer to copy the document to a different location and then rename it.

3. Which elements of a word document can be displayed in color?

A. Only graphics

B. Only text

C. All elements

D. All elements but only if you have a colour printer

4. The multiplication arithmetic operator is represented by which of the following symbols.

A. ^

B. *

C. /

D. X

5. Computers by process can be classified as:

A. Mainframe computers

B. Digital computers

C. Programming languages

D. Utility programs

6. Google, Alta Vista and MSN are all examples of which of the following?

A. ISP's

B. Browsers

C. Search engines

D. Network servers

7. What is another name for a piece of electronic information consisting of 8 bits?

A. Octo-Bit

B. Decabit

C. Kilobit

D. Byte

8. Which one of the following is not an operating system?

A. Windows 3.1

B. Unix

C. DOS version 6.22

D. Microsoft word

9. The backspace key:

A. Deletes any letter towards the right.

B. Erases any character towards the left.

C. Moves the cursor to left without deleting any character.

D. Deletes a character at the cursor position.

10. A computer network refers to

A. Information storage

B. Linking of computers for resource sharing.

C. Connecting a computer system to a backup device.

D. Sharing a computer by many people.

SECTION B

Question Two

Write short notes on the following terms giving example on each where applicable.

  i. Band width
  ii. Search engine
  iii. World Wide Web
  iv. Hyper Text Transfer Protocol (HTTP)
  v. Recitative Strain Injury (RSI)
  vi. URL
  vii. MODEM
  viii. SATA AND PATA
  ix. CMOS
  x. A cell

Question Three

a. List and explain the types of Networks you know (3marks)

b. Discuss the importance of Networks in organizations (3marks)

c. State the main parts of an E-MAIL. (4marks)

e. Explain the different parts of an internet Address (4marks)

Question Four

a. Computers are evolved with different generations. Explain the evolution of computers according to technologies (10marks)

b. As an IT student, you have been chosen to buy computer systems for Kampala University. Which factors are you going to put into consideration? (10 marks)

Question Five

Below is a copy of a spreadsheet showing the expenses (in million Kwacha) for company XYZ?

		A	B	C	D	E	F
1		JAN	FEB	MAR	TOTALS	BUDGET	VARIANCE
2	**DEPARTMENT**						
3	Finance	5,500.00	5,500.00	5,500.00		8,000.00	
4	Information Technology	4,188.00	4,188.00	4,188.00		6,550.00	
5	Human Resource	1,895.00	1,895.00	1,895.00		3,560.00	
6	Benefits	540.00	405.00	675.00		5,500.00	

Required:

(a) What type of software is a spreadsheet? (2 marks)
(b) Explain three advantages and two disadvantages of using spreadsheets.
(c) Show the formula to calculate the following:
(i) The total expenses for each department in cells D3, D4, D5 and D6.
(ii) The variance in cells F3, F4, F5 and F6.   **[2+10+4+4]**

Question Six

a) Computers have become widely used in different field of application. In fact, the emergence of computing technology has made the world become a global union. Discuss the application of computers in each of the following fields, citing examples where possible (@ 4 Marks)

   i.   Education

  ii.   Military

  iii.   Health

  iv.   Business

  v.   Agriculture

Question Seven

a)   Who is an ISP? Identify the components necessary to connect a computer to an Internet Provider. (**8 Marks**)

b)   Explain how cache memory is used to increase the speed of processing of a computer. (**3 Marks**)

c)   Explain how the following features are carried out in the word processing Packages. (**9 Marks**)
   (i) Entering mathematical equations.
   (ii) Spell-checking.
   (iii) Printing a document.