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(Knowledge for Development)

KIBABII UNIVERSITY

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

**END OF SEMESTER EXAMINATIONS
YEAR ONE SEMESTER TWO EXAMINATIONS**

**FOR THE DEGREE OF
EDA/EDS/ECDE/BCO/BBM/BSW/BCE/SCIENCE
/BJM**

COURSE CODE : CSC 109

**COURSE TITLE : COMPUTER
APPLICATIONS**

DATE: 29/07/2022

TIME: 11.00 A.M – 01.00 P.M

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTIONS ONE AND ANY OTHER TWO.

QUESTION ONE (COMPULSORY) [30 MARKS]

- (a) Define the following terms in relation to computer applications (4 marks)
- i. Computer
 - ii. Cold boot
 - iii. Warm Boot
 - iv. World Wide Web (www)
- (b) In an accounting hall of university X, there are several clerks who perform various computations under the command of a supervisor. Show the relationship of the supervisor and the clerks to the two main parts which form the CPU of a computer. (4 marks)
- (c) (i) State and explain the functions of an operating system (4 marks)
- (ii) State four database programs known to you (2 marks)
- (d) Describe the steps to be followed to achieve the following in Ms Excel (6 marks)
- i) Rename a worksheet
 - ii) Change the page orientation
- (e) Show steps of launching a presentation using the following; (6 marks)
- (i) - Design template
 - (ii) - Auto-content wizard
 - (iii) - Blank presentation
- (f) Differentiate between (2 marks)
- (i) Creating a document and edit a document. (2 marks)
 - (ii) Formatting and mail merging a document (2 marks)

QUESTION TWO [20 MARKS]

- (a) (i) Differentiate between to compute and a computer (2 marks)
- (ii) Why is a computer called data processor (2 marks)
- (iii) Differentiate between data and information and show the data processing cycle (4 marks)
- (b) in their class discussions, Chebet was of the opinion that the main Characteristics of computers that makes them useful to man is the speed with which they perform their activities. Kwena suggested that accuracy was probably an addition to Chebets' assertions. In your opinion, and based studies in computer application, do you agree or disagree with the two contemporaries. Give reasons for your answer. (6 marks)

(c) Students of MKU attempted to relate a certain religious belief to computers. In the belief it is argued that God created the **body** and gave it the initial life in form of the **soul**. But that the soul could not be able to make decisions and this made God to create a **spirit** to make decisions for both the soul and flesh. If this belief be true, relate the bolded words to the computers' applications software, hardware and system software. (6 marks)

QUESTION THREE [20 MARKS]

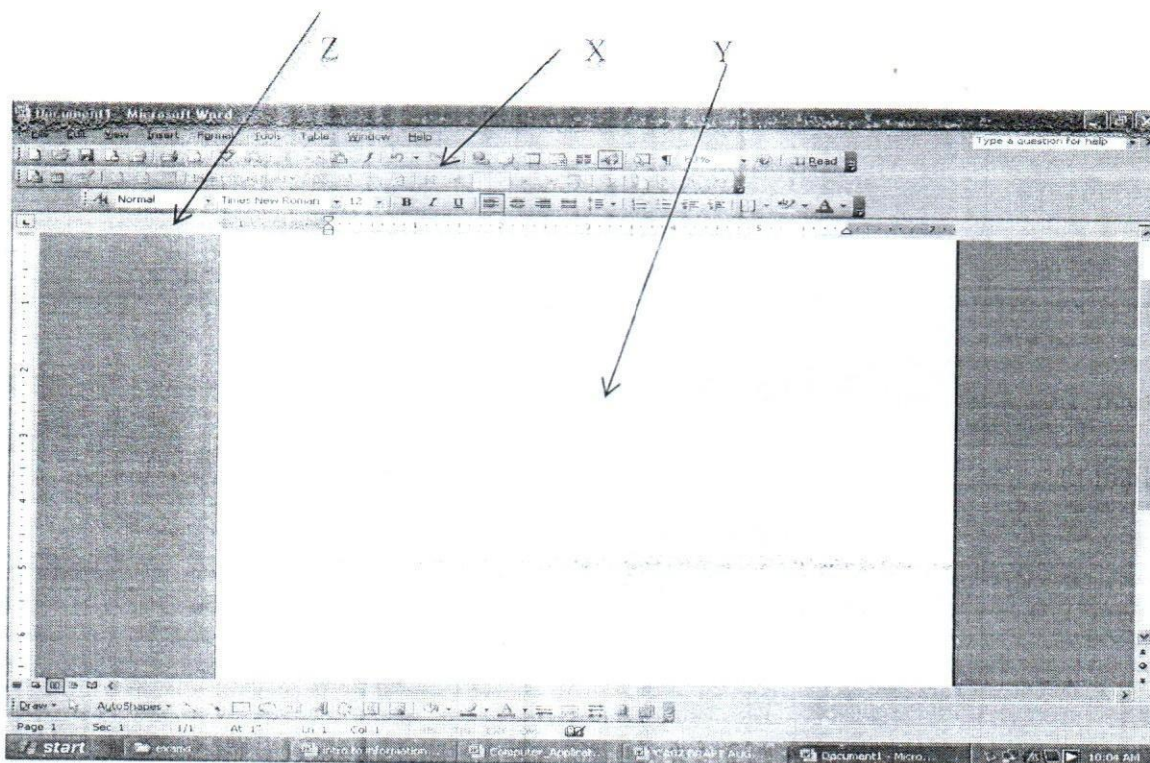
(a) Given a word processor screen below explain the parts indicated as;

- page 1,
- sec 1,
- 1/1,
- At 1",
- Ln 1,
- Col 1

(6 marks)

(b) Label the parts indicated with the letters X, Y, Z

(3 marks)



- (c) (i) As an environmental science professional suggest some of the ways you think a word processor may be used in line of duty. (4 marks]

QUESTION FOUR [30 MARKS]

Study the spreadsheet below and answer the questions that follow

	A	B	C	D	E
1		APPLE	ORANGE	PEAR	
2	ADHIAMBO	2	2	3	
3	LETICIA	3	3	2	
4	MATHAYO	5	5	3	
5	ANIM	1	4	2	
6	COST PER ITEM	8	15	10	

State the expression required to obtain

- (i) The total expenditure for Mathayo. (4 marks)
- (ii) The number of oranges taken (3 marks)
- (iii) The cost of the most expensive item (3 marks)
- (iv) If sorting is done in descending order on orange COLUMN and excluding row 6 what name will appear on in A4 (4 marks)
- (v) The following was inserted in E4 “=b4+c4+d2”. What will be displayed in the cell? (4 marks)
- (vi) List four spreadsheet software known to you (2 marks)

QUESTION FIVE [20 MARKS]

- (a) List the steps to be followed when creating a new table using the design view (4 marks)
- (b) Briefly describe FOUR Data types used when creating a table in design view and give examples of each data type (12 marks)
- (c) Knowledge of database objects assists a database operator to create and maintain a database. State and explain any FOUR database objects (4 marks)