Student's Assessment Number.....

THE UNITED REPUBLIC OF TANZANIA
NATIONAL EXAMINATIONS COUNCIL OF TANZANIA
FORM TWO NATIONAL ASSESSMENT

036 INFORMATION AND COMPUTER STUDIES

Time: 2:30 Hours **Year: 2021**

Instructions

1. This paper consists of sections A, B and C with a total of **ten (10)** questions.
2. Answer **all** questions.
3. Section A and C carry **twenty (20)** marks each and section B carries **sixty (60)** marks.
4. Write your answers in the spaces provided.
5. All answers must be written in **black** or **blue** ink.
6. Cellular phones and any unauthorized materials are **not** allowed in the assessment room.
7. Write your **Assessment Number** at the top right corner of every page.

FOR ASSESSOR'S USE ONLY		
QUESTION NUMBER	SCORE	ASSESSOR'S INITIALS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
TOTAL		
CHECKER'S INITIALS		

2 119036 100016

:ne2021

Student's Assessment Number.....

SECTION A (20 Marks)

Answer **all** questions in this section.

1. For each of the items (i) - (x), choose the correct answer from among the given alternatives and write its letter in the box provided.

(i) What is the name of the process of bolding and underlining paragraphs typed in the Microsoft word?

A Editing
B Formatting
C Emphasizing
D Decorating

(ii) Which icon pastes the document when a user clicks it?

A 
B 
C 
D 

(iii) Mr. John who is a teacher had a problem of assigning the position for each student in a class. Which software would you suggest to be used by a teacher?

A Microsoft publisher
B Microsoft access
C Microsoft word
D Microsoft excel

(iv) Which of the following is an example of absolute cell reference?

A B6
B $B6
C B6
D B$6

(v) Why Central Processing Unit (CPU) is regarded as the brain of the computer?

A It saves all current data.
B It controls all input/output devices.
C It takes all decisions and processing activities.
D It controls the execution of application programs.

(vi) What is the function of router on the network?

A Provide access to the internet
B Interconnects different networks
C Converts signal from digital to analog form
D Divide a busy network into segments

(vii) Which program will you use to seek for specific information on the internet?

A Search engine
B Browser
C Google chrome
D Internet explorer

(viii) What is the disadvantage on students who get uncontrolled internet access?

A Obtain large amount of educational information
B Obtain incorrect and misleading information
C Waste time on reading news paper
D Increase ability to understand subjects

(ix) What does the term data represent?

A Processed information
B Processed facts and figures
C Unprocessed facts and figures
D Meaningful information

(x) Why is it advised to set a strong password in the computer?

A To restrict unauthorized user
B To minimize computer virus
C To reduce unauthorized program
D To prevent computer damage

2. Match the features of LAN in **List A** with their corresponding type of network in **List B** by writing the letter of the correct answer below the corresponding item number in the table provided.

List A	List B
(i) All devices are connected to one another in the shape of a closed loop.	A Bus topology
(ii) All devices are connected to a central cable called backbone.	B Ring topology
(iii) Every device is connected to all other devices.	C Mesh topology
(iv) Each network device has a dedicated point to point link to the central hub.	D Star topology
(v) Groups of star- configured networks are connected to a linear bus backbone.	E Physical topology
	F Internet topology
	G Tree topology
	H Logical topology

Answers

List A	(i)	(ii)	(iii)	(iv)	(v)
List B					

3. For each of the items (i) – (v), write **True** if the statement is correct or **False** if a statement is not correct in the spaces provided.

(i) Desktop and laptop computer are examples of microcomputer. .....

(ii) A computer system is a collection of four components; hardware, software, netware and liveware. .....

(iii) Uninterruptible Power Supply (UPS) helps to protect computer from being damaged by power instability. .....

(iv) Mainframe computer is the most powerful computer designed to process huge amount of information at a very high speed. .....

(v) An error #### is displayed in a cell of a worksheet when an incorrect or invalid numeric value has been entered. .....

SECTION B (60 Marks)

Answer all questions in this section.

4. Why do most of the organisations in the society opt to use computers in their daily activities? Briefly explain by giving five reasons.

(i) .....

.....

.....

(ii) .....

.....

.....

(iii) .....

.....

(iv) .....

.....

.....

(v) .....

.....

.....

5. (a) Briefly explain the Multi-user operating system. Give two examples.

.....

.....

.....

.....

(b) Which four resources are managed by an operating system?

(i) .....

(ii) .....

(iii) .....

(iv) .....

(c) Why does operating system considered as the main program in the computer?

.....

.....

.....

.....

6. (a) What are the three steps required to search information on the internet?

(i) .....

(ii) .....

(iii) .....

(b) Differentiate e-learning from e-commerce.

.....

.....

.....

.....

.....

(c) What are the five disadvantages of e-learning?

(i) .....

(ii) .....

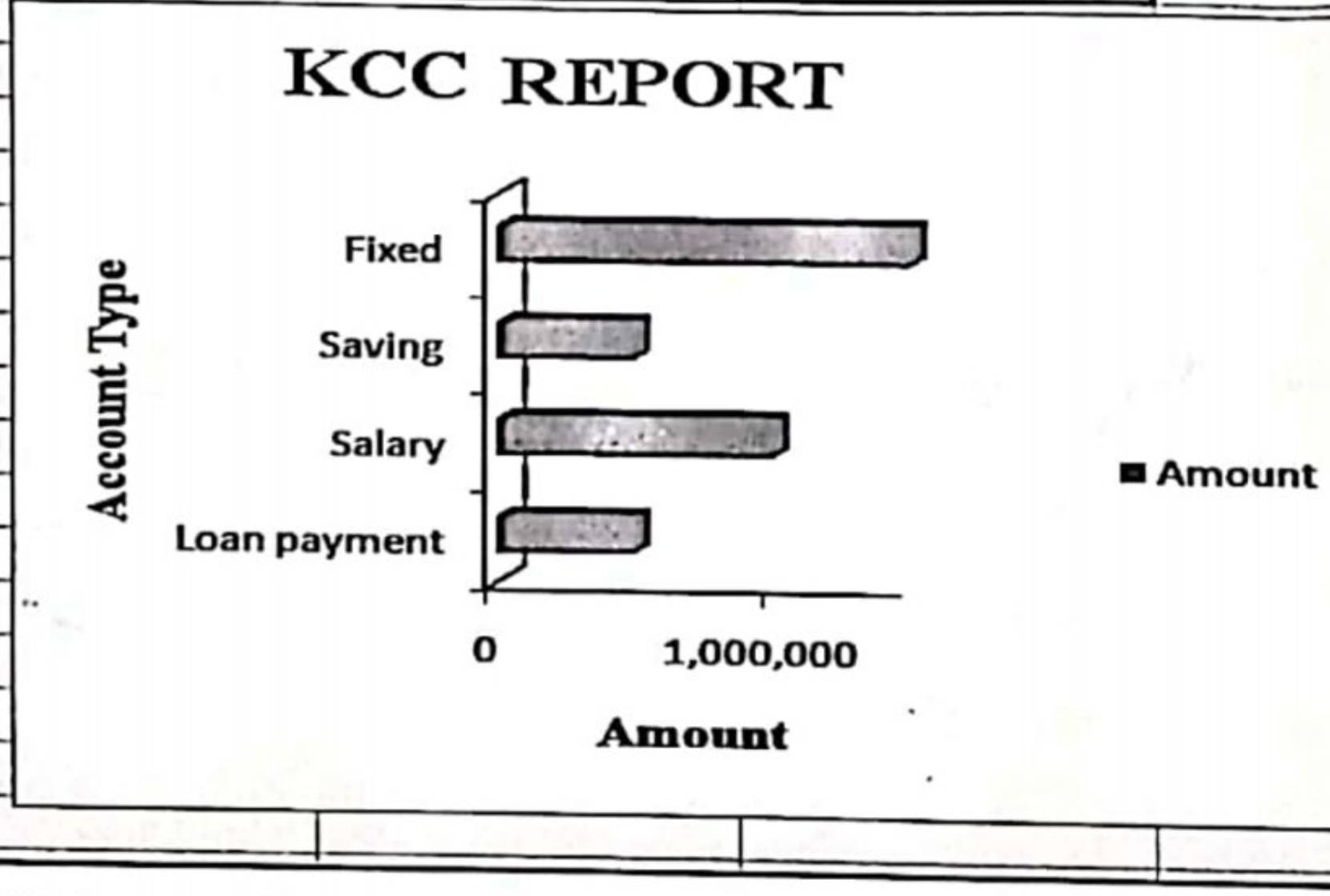
(iii) .....

(iv) .....

(v) .....

7. The following screenshot of a worksheet shows a report of employees in KCC company. Read the worksheet carefully and answer the questions that follow:

	A	B	C	D
1	**Check No.**	**Account Type**	**Amount**	
2	1026	Loan payment	500,000	
3	1022	Salary	1,000,000	
4	1046	Saving	500,000	
5	1120	Fixed	1,500,000	
6		**Total Amount**		



(a) Which steps would you follow to create the new worksheet?

(i) .....

(ii) .....

(iii) .....

(b) What is the cell reference of the saving account?

.....

(c) Which function can you use in cell C6 to compute the total amount?

.....

(d) Why the company decided to use the chart to represent the data on a worksheet?

.....

.....

(e) Which type of the chart is presented in a worksheet?

.....

.....

2. Write steps required to perform the following tasks using Microsoft word:

(a) Change text from lower to upper case.

(i) .....

(ii) .....

(iii) .....

(iv) .....

(b) Align the paragraph to the center.

(i) .....

(ii) .....

(iii) .....

(iv) .....

(c) Hanging indentation.

(i) .....

(ii) .....

(iii) .....

(iv) .....

(v) .....

(vi) .....

(d) Setting line spacing to double.

(i) .....

(ii) .....

(iii) .....

(iv) .....

(v) .....

9. (a) Explain the importance of insulated cables in a computer room.

.....

.....

.....

.....

(b) Give two ways required to prevent dust in a computer room.

(i) .....

.....

(ii) .....

.....

(c) State three signs which indicate that a computer is affected by virus.

(i) .....

(ii) .....

(iii) .....

(d) Suggest three methods which can be used to prevent data loss in a computer system.

(i) .....

(ii) .....

(iii) .....

Student's Assessment Number.....

SECTION C (20 Marks)

Answer question number ten (10).

10. Describe four types of computers according to the physical size, processing power and application areas.

.....

.....

.....