

Student's Assessment number:.....

**THE UNITED REPUBLIC OF TANZANIA
PRIME MINISTER'S OFFICE**

REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

DAR ES SALAAM REGION

FORM TWO REGIONAL MOCK ASSESSMENT

COMPUTER SCIENCE

CODE: 036

TIME: 2: 30HRS

Tuesday 1st September, 2026 A.M

INSTRUCTIONS

1. This paper consists of sections A, B, and C with a total of **ten (10)** questions.
2. Answer **all** questions in the spaces provided.
3. Section A carries **15 marks**, Section B carries **70 marks**, and Section C carries **15 marks**.
4. All answers must be written in **black or blue ink**.
5. Communication devices and any unauthorized materials are **not** allowed in the assessment room.
6. Write your **Assessment Number** at the top right corner of every page.

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

2. Match each term in **LIST A** with the most appropriate description in **LIST B**. Write the letter of the correct answer in the space provided.

LIST A		LIST B	
(i)	Displays processed information	A.	ALU
(ii)	Converts hardcopy into digital form	B.	Printer
(iii)	Provide temporary storage for data currently in use	C.	Hard Disk
(iv)	Performs arithmetic and logic operations in a computer	D.	Monitor
(v)	Permanently stores files	E.	UPSF. ROM
		G.	Scanner
		H.	RAM

Answer

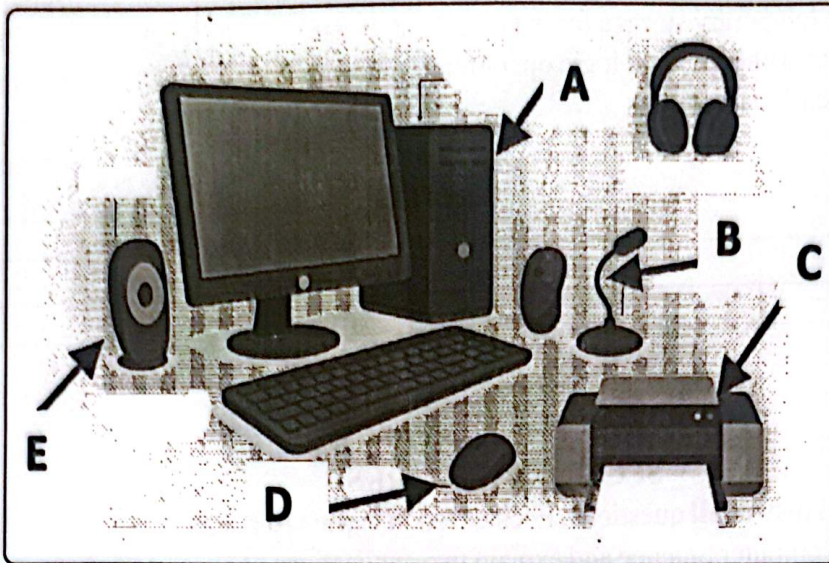
LISTA	i	ii	iii	iv	v
LISTB					

SECTION B (70 MARKS)

Answer all questions. Each question carries 10 marks.

3. (a) Define Computer Science and explain two applications of computer science in every day life. **(3 Marks)**
- _____
- _____
- _____
- (b) State one difference between computer hardware and computer software and give two examples of each. **(3 Marks)**
- _____
- _____
- _____
- _____
- _____
- (c) Explain four (4) improvements made in the fourth-generation computers to make them more useful than the first-generation computers. **(4 Marks)**
- i. _____
- ii. _____
- iii. _____
- iv. _____
4. (a) What is a computer system? **(2.5 Marks)**
- _____
- _____
- _____
- _____

- (b) Study the following computer system's snapshot and use it to answer the given questions



Identify all computer devices labeled by letters A, B, C, D, and E, then write down their names and main functions in the computer system. (7.5 Marks)

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____

5. During the rainy season, the school experiences frequent power fluctuations, causing computers to restart unexpectedly, freeze during operation, and, in some cases, fail to boot. Several students also report losing unsaved assignments after sudden power interruptions.

- i. Explain the meaning of power fluctuations (4 marks)

- ii. Recommend three (3) main preventive devices the school should use to reduce or protect computers from the effects of power fluctuations (6 Marks)

- a. _____
- b. _____
- c. _____

6. (a) Define the Internet. (2 Marks)
- _____
- _____
- (b) Describe any four (4) Internet services/applications (8 Marks)
- i. _____
- ii. _____
- iii. _____
- iv. _____
7. (a) Define the following terms as used in the cybersecurity branch of computer science (6 Marks)
- i. Cyberspace
- _____
- ii. Digital signature
- _____
- iii. Cybercrime
- _____
- (b) Cybercriminals are active across various online platforms, making it increasingly difficult for cybersecurity specialists to prevent and mitigate their attacks. Outline any four (4) motives contributing to the increase and spread of cybercrimes in the digital world. (4 Marks)
- i. _____
- ii. _____
- iii. _____
- iv. _____
8. (a) Explain the concept of computer programming by showing how it is inevitable in modern technology. (4 Marks)
- _____
- _____
- _____
- _____
- _____
- _____

- (b) Identify and explain three (3) differences between high-level language and low-level language (6 Marks)

i. _____

ii. _____

iii. _____

9. Write a C-program that solves a problem of adding two numbers entered by a user and test whether the total is even or not even.

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SECTION C (15 MARKS)

Answer the following question.

10. A school computer laboratory experiences slow performance, missing files, and unexpected pop-up messages. The ICT teacher discovers that the computers have been infected with malware. Explain three (3) possible causes and three (3) solutions to the problem identified by the ICT teacher.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.