

THE UNITED REPUBLIC OF TANZANIA
PRIME MINISTER'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT



SENGEREMA DISTRICT COUNCIL
FORM ONE TERMINAL JOINT EXAMINATION

037

COMPUTER SCIENCE

Duration: 2:30 Hours

May, 2026

Instructions

1. This paper consists of three section A, B and C
2. Answer **ALL** questions in section A and B and question number 10 from section C
3. All writing should be in **blue** or **black** ink except drawings which must be in pencil
4. Cellular phones and any unauthorized materials are **not allowed** in the examination room
5. Write your **Examination Number** on every page of your softcopy work

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

SECTION A (15 Marks)

Answer all question

1. Choose the most correct answer among the given alternatives and write its letter in the box provided below.
- (i) Juma bought a monitor, a system unit, and a keyboard, but he cannot use them until he installs an Operating System and connects a user. This complete working environment is known as:
A. Computer Hardware B. Computer System C. Computer Software D. Computer Network
- (ii) A doctor at Sengerema Hospital needs to enter a patient's body temperature into a computer. Which category of hardware will the doctor use?
A. Output Device B. Storage Device C. Input Device D. Processing Device
- (iii) During a history lesson, a student read about ancient computers that were as large as a whole room and used glass tubes that burned out frequently. These machines belong to:
A. First Generation B. Second Generation C. Third Generation D. Fourth Generation
- (iv) An engineer noted that while the computer is running, one specific chip gets very hot because it is performing millions of calculations every second. This chip is the:
A. RAM B. Hard Disk C. Central Processing Unit (CPU) D. Power Supply
- (v) A manager at a local bank wants to ensure that the computer hardware can communicate with the applications used by tellers. He must first install:
A. Microsoft Word B. System Software C. A Printer D. A Joystick
- (vi) An accountant at CTC wants to submit her monthly financial report. She has finished typing the data, but she needs a device that will show her the text on the screen so she can check for errors before printing. This specific hardware device is a:
A. Monitor B. Scanner C. Keyboard D. Projector
- (viii) You have a printed photograph of your family and you want to put it on Facebook. Which device will you use to turn the paper photo into a digital file?
A. Plotter B. Scanner C. Digital Camera D. Mouse
- (ix) In a computer lab, the teacher explained that "The instructions that tell the physical parts what to do" are just as important as the physical parts themselves. These instructions are:
A. Hardware B. Firmware C. Software D. Liveware
- (x) Neema wants to write a formal letter to the District Education Officer. Which specific type of application software should she open?
A. Spreadsheet (Excel) B. Word Processor (Word)
C. Presentation (PowerPoint) D. Browser (Chrome)

ANSWER

i	ii	iii	iv	v	vi	vii	viii	ix	x

2. Match the Computer Hardware requirements in LIST A with the most suitable device in LIST B by writing the correct letter in the answer table provided.

LIST A	LIST B
(i) A teacher wants to project a digital presentation on a large wall for the whole class to see.	A. Joystick B. Projector C. Flash Disk D. Scanner E. Speakers F. Printer G. Microphone
(ii) A student needs to save his ICS summary notes permanently to carry them to another computer.	
(iii) A photographer at Sengerema town needs to move a physical paper photo into the computer for editing.	
(iv) A gamer at Ilunda wants a specific controller to play a flight simulation game effectively.	
(v) A secretary needs to hear the audio instructions from a computer training video.	

ANSWERS

LIST A	i	ii	iii	iv	v
LIST B					

SECTION B (70 Marks)

Answer ALL questions

3. Differentiate the following terms as used in computer science

(i) Computer system and computer software

(ii) Central processing unit (CPU) and arithmetic logical unit (ALU)

(iii) RAM and ROM

(iv) Output and input devices

4. (a) Briefly explain how the following terms relate with computer science

(i) Information technology

(ii) Information and communication Technology

(iv) Information system

(b) Describe four fundamental components of computer system

- (i) _____
- (ii) _____
- (ii) _____
- (iv) _____

5. (a) You are in a shop. The seller shows you a Keyboard and a Barcode Reader. How would you explain the function of these two items to your grandmother?

(b) The "System Unit" is often called the heart of the computer. Mention two internal components found inside it.

- (i) _____
- (ii) _____

6. (a) A student accidentally unplugged the computer while it was running, and all the work she was typing disappeared. Which type of memory was she using, and why did the work disappear?

(b) Mention two storage devices the student could have used to save her work permanently.

7. (a) What is computer classification

(b) Briefly describe the classification of computer based on performance

8. (a) Computer hardware and software cannot be separated, as a form one student give one reason why cannot be separated

- (b) Explain two function of each of the following
(i) Arithmetic logic unit (ALU)

(ii)Control Unit	

9. (a) Each laboratory has its own rules, therefore in order to maintain computer laboratory safety, a student should observe various rules, outline four computer laboratory rules and policy.

- (b) Stella was playing a computer game in the computer room, suddenly the teacher entered Stella forced to switch off the electricity so as the computer can turn off faster. Explain the impact of what Stella did, and show the proper steps of shutting down the computer

SECTION C (15 Marks)

Answer question number 10

10. Using real-life examples, explain three effects of not studying computer studies in today's world. Also suggest three ways students can improve their computer skills.

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 approximately 20 lines visible. The paper has a slight shadow on its right side, suggesting it's resting on a surface.