

**061004T4ICT**  
**ICT ASSISTANT LEVEL 4**  
**IT/OS/ICT/CC/01/4/A**  
**USE OF ICT DEVICES**  
**March/April 2023**  
**Time: 2 hours**



**THE KENYA NATIONAL EXAMINATIONS COUNCIL**

**WRITTEN ASSESSMENT**

**Time: 2 hours**

**INSTRUCTIONS TO CANDIDATE**

*This paper consists of **TWO** sections: **A** and **B**.*

*Answer **ALL** questions in Section **A** and Section **B** in the answer booklet provided.*

*Maximum marks for each part of the question are as indicated in brackets ().*

*Candidate should answer the questions in English*

**This paper consists of 4 printed pages.**

**Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.**

**SECTION A (10 marks)**

*Answer ALL the questions in this section.*

1. The following is a list of software. Identify one that is used to protect computers against viruses.
  - A. MS-Windows
  - B. Kaspersky
  - C. Mac OS
  - D. Linux
2. Which of the following is a network topology?
  - A. WAN
  - B. PAN
  - C. HYBRID
  - D. MAN
3. A\_\_\_\_\_ is used as a data privacy and threat control measure that prevents unauthorized access to information.
  - A. Password
  - B. Malware
  - C. Hacker
  - D. Virus
4. The following is a list of application software used to accomplish specific tasks. Identify one that is used for statistical analysis.
  - A. Databases
  - B. Word processor
  - C. spreadsheet
  - D. Desktop publishing
5. From the list provided, identify a hardware component that is used to feed data into the computer.
  - A. Keyboard
  - B. Flash disk
  - C. Visual Display Unit
  - D. Printer

6. Which of the following statements best describes booting?
- A. Stopping the computer
  - B. Starting the computer
  - C. Saving work
  - D. Duplicating work
7. \_\_\_\_\_ is abbreviated as ICT.
- A. Information centre technology
  - B. Inside communication technology
  - C. Information communication technology
  - D. Information communication training
8. A computer keyboard comprises of many keys that perform different functions. Which of the following is not a computer keyboard key?
- A. Shift key
  - B. Escape
  - C. Pause
  - D. Exit
9. Which shortcut key is used to refresh a computer windows desktop?
- A. F1
  - B. F2
  - C. F5
  - D. F12
10. Which of the following terms best describes the user's safety and comfort while using a computer?
- A. Safety precautions
  - B. Human interaction
  - C. Ergonomics
  - D. Computer security

## SECTION B: (SHORT ANSWER QUESTIONS) 40 MARKS

Answer **ALL** the questions in this section.

11. The operating system performs several functions in a computer. Outline **four** such functions. (4 marks)
12. a) Explain the term computer network. (2 marks)  
b) Distinguish between *local area network* and *metropolitan area network*.(4 marks)
13. Josh bought a new computer and installed it with different application software to perform daily office activities. Using examples, state **four** categories of these application software may have installed. (4 marks)
14. Computers are used in various fields such as teaching and learning. Explain any other **three** areas where they could be used. (6 marks)
15. List **four** computer output devices. (4 marks)
16. Mercy wanted to purchase a new laptop; state any **four** factors she could consider when purchasing her computer. (4 marks)
17. Differentiate between *right-clicking* and *double-clicking* mouse techniques. (4 marks)
18. Kilonzo has been browsing the internet for a while now. Identify **four** security threats that he is likely to encounter while using his computer. (4 marks)
19. Explain **two** circumstances that would necessitate the use of bar-code readers as an input method. 4 marks)

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