

101304T4ICT
ICT ASSISTANT 4
IT/OS/ICTA/CC/05/4/A
USE THE INTERNET
MARCH/APRIL 2023
Time: 2 Hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL
WRITTEN ASSESSMENT

2 hours

INSTRUCTIONS TO CANDIDATES

*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.*

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This paper consists of 6 printed pages.
Candidates should check the question paper to ascertain that all the
Pages are printed and that no questions are missing.

SECTION A (10 marks)

Answer ALL the questions in this section

1. A program that is used to view websites is called a?
 - A. Browser
 - B. Web viewer
 - C. Spreadsheet
 - D. Word processor
2. Which statement correctly defines the term internet?
 - A. A worldwide network of computers
 - B. An interconnected network of computers
 - C. A local computer networks
 - D. A worldwide interconnected computers which use a common protocol to communicate with one another
3. The process of connecting to the internet account is referred as?
 - A. Sign in
 - B. Sign out
 - C. Login
 - D. Logout
4. Sending an E-mail is similar to manually_____.
 - A. Sending a package
 - B. Talking on Phone
 - C. Writing and send a letter
 - D. Drawing a picture
5. URL is an acronym which refers to?
 - A. Unique reference label
 - B. Uniform reference label
 - C. Uniform resource locator
 - D. Unique resource locator
6. The process of getting information from the internet and saving it to a local disk is known as?
 - A. downloading
 - B. uploading
 - C. highlighting
 - D. computing

7. Which of these statements indicate how to properly avoid becoming a victim of social engineering?
- A. Research facts
 - B. Reject requests for help
 - C. Delete any request for financial information or passwords
 - D. Don't use a computer at all
8. Which of the following statement correctly describes phishing?
- A. Sending out malicious software that copies sensitive information from the computer system
 - B. Sending fake emails to a person or group, causing the victims to knowingly reveal personal information which will be stolen.
 - C. Sending deceptive emails to internet users that delete sensitive information from their computers.
 - D. Sending deceptive emails to a person or group, causing the victims to knowingly reveal personal information which will be used maliciously.
9. Hypertext documents web pages editors work on _____ principle.
- A. WWW
 - B. HTML
 - C. WYSIWYG
 - D. WYGWYSI
10. _____ is shared on the Internet as web pages.
- A. Program
 - B. Cable
 - C. Hypertext document.
 - D. Protocol

SECTION B: (40 marks)

Answer ALL questions.

11. Tom correctly answered an examination question about a number of Internet terms. **SIX** different terms have been used from Tom's answer. Complete the sentences in Tom's answer, using the given terms below. (Not all terms in the list need to be used.)

(6 Marks)

- Browser
- Connection
- Domain name Server (DNS)
- Internet
- Internet Service Provider (ISP)
- IP address
- Network
- Protocol
- Uniform resource locator (URL)
- Webpages
- Hypertext markup Language (HTML)

A..... (a)..... is a program that allows a user to view..... (b).....

An..... (c)..... is a company that provides a connection to access the (d)...

The main (e)..... That governs the transmission of data using the internet is http.

The (f)..... Is provided by the network and given to each device on the network.

12. Social network has changed the way people interact with each other in this era of technology. Giving **TWO** examples, explain what a social network is. (4 marks)

13. Kimutai, a student in Oloitoktok TTI would like to connect to the Internet. List **FOUR** basic components he must have in order to achieve his objective. (4 marks)

14. Privacy is one of the factors which a user must consider when connecting to the internet.

As an internet user, explain **THREE** privacy measures you could take. (6 marks)

15. VoIP is a technology which is being adopted by many businesses. With an appropriate example, explain the term VoIP. (2 marks)

16. Explain **THREE** features that assist in navigating through the web. (6 marks)

17. John wanted to use the Internet to get some information using google as a search engine. Describe a search engine giving another example. (2 marks)

18. Internet has a variety of application in the modern world, briefly explain **THREE** areas of its application. (6 marks)

19. Internet has had a variety of impacts on our society. Outline:

- i. **THREE** positive impacts (3 marks)
- ii. **TWO** negative impacts. (2 marks)

20. A web page and a website are two commonly used terminologies when accessing the internet. Differentiate between the **TWO**. (3 marks)

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