

061006T4ICT

ICT Technician Level 6

ICT/OS/IT/CR/05/6/A

Perform Website Design

Nov. /Dec. 2022



THE KENYA NATIONAL EXAMINATIONS COUNCIL

WRITTEN ASSESSMENT

Time: 3 hours

INSTRUCTIONS TO CANDIDATES

Maximum marks for each question are indicated in brackets ().

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

Answer questions as per instructions in each section.

You are provided with a separate answer booklet.

*This paper consists of **FOUR (4)** printed pages*

Candidates should check the question paper to ascertain that all pages are printed as

Indicated and that no questions are missing

SECTION A (40 MARKS)

1. Define the term HTML as used in web design. (2 marks)
2. Describe the difference between “visibility: hidden” and “display: none” as used in web design. (4 marks)
3. When do we use the CSS float property during web design. (4 marks)
4. Using examples describe any **FOUR** JavaScript data types used in web design (4 marks)
5. What is an array and what is the use of **In_array ()** In PHP. (4 marks)
6. Describe the use of Count () in PHP. (2 marks)
7. Differentiate between HTML tags and HTML elements as used in web design. (4 marks)
8. Explain any **FOUR** advantages of the CSS language. (4 marks)
9. Outline any **TWO** web programming languages used in web development. (2 marks)
10. Define the term domain as used during web design. (2 marks)
11. Describe any **FOUR** factors to consider when selecting a host for your website. (4 marks)
12. Define the term *web authoring* and list any **TWO** web authoring tools. (4 marks)

SECTION B (60 MARKS)

Choose any three from the provided

13. a) Using a coded example on each, name and explain any five HTML tags used in web design. (10 marks)
- b) Describe any two JavaScript data types and JavaScript operators as used in web design. (10 marks)
14. a. Write an HTML code that represents the following: (10 marks)

MEALS PROVIDED ON MONDAY

- **BOILED YAMS**
- **BEEF**
- **RICE**

MEALS PROVIDED ON TUESDAY

- **GITHERI**
- **UGALI**
- **PILAU**

- b. Outline three attributes of a <marquee> that may be used to set its movement in a web page. (10 marks)
15. a. State the function of each of the following tags:
- (i) <block quote> (1 mark)
 - (ii) <href> (1 mark)
- b. Explain the function of each of the following terms as used in web authoring tools;
- i) Paste special; (2 marks)
 - ii) Copy. (2 marks)
- c. Differentiate between spoofing and phishing as used in the internet. (4 marks)
- d. Explain the function of the <hr> tag as used in HTML. (2 marks)
- e. With the aid of an example, outline a statement that would be used to declare a string of characters in JavaScript programming language. (2 marks)

- f. Write an ASP program embedded in HTML that would be used to display all the multiples of 5 in the range 1 and 50. (6 marks)
16. a. Write a JavaScript and html code to display the following: (10 marks)

MY FIRST JAVASCRIPT

CLICK ON ME TO DISPLAY TIME AND DATE

- b. Write and html and css code to illustrate the following: (10 marks)

A RED HEADING

A black paragraph

A grey background

easytvvet.com

THIS IS THE LAST PRINTED PAGE.