GASABO DISTRICT

DISTRICT COMPREHENSIVE ASSESSMENT, RTQF LEVEL IV SOFTWARE DEVELOPMENT, SFDDW401 WEBSITE DEVELOPMENT (2022-2023).

TRADE: Software Development
MODULE: Website development
DATE OF EXAM: ………………………… Duration: 3 hours (… …h…- ……h…… or …..hrs.)
ACADEMIC YEAR: 2022-2023

Instructions:

- **This paper is composed by Three sections**
- **All questions are Compulsory in section A (55marks)**
- **Attend any three questions in section B (30marks)**
- **Question in section C is Compulsory (15marks)**

/55 MARKS

1. Define the following words: **(6marks)**

   a. Web page
   b. Website
   c. Hyperlink
   d. html "**Form**"
   e. POST Method
   f. GET Method

2. List six (6) HTML Headings used to design a web page.   **(3marks)**

3. What is text editor? Which editors that can be used for HTML development?
   Give three (3) examples.   **(1.5marks)**

4. With examples, explain the difference between <UL> and <OL> in website
   development? **(4marks)**

5. Mention any four (4) advantages of CSS within website development.   **(4marks)**

6. How to align <table> right/Left in HTML?   **(3marks)**

7. Give the difference between attribute, element and tag.   **(1.5marks)**

8. How many ways a CSS can be integrated in a webpage?   **(3marks)**

9. Explain at least Four (4) types of CSS selectors   **(4marks)**

10. After defining a browser, state any two (2) examples of browsers.   **(4marks)**

11. Give any three (3) images file formats   **(3marks)**
   1............................2.............................3...........................

12. Html tags are divided into two (2) types. Explain those types with examples.
   (**4marks**)

13. Write the output of the following code?   **(5marks)**
```
<html>
<head>
     <title></title>
</head>
<body>
    <form>
        Firstname:<br>
        <input type="text" name="Firstname" value="Mickey"><br>
        Lastname:<br>
        <input type="text" name="Lastname" value="Mouse"><br><br>
        <input type="submit" value="Submit">
        <input type="reset" value="cancel">
    </form>
</body>
</html>
```
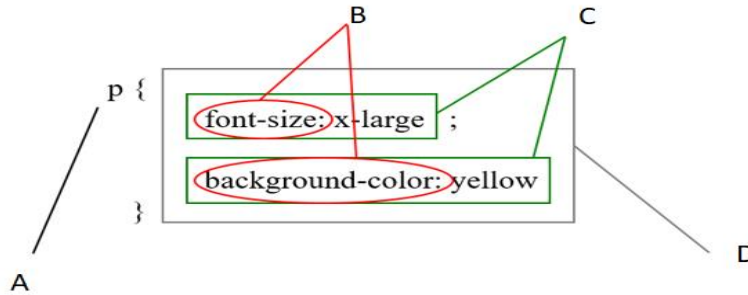**14.** Describe the difference between static and dynamic website **(3marks).**

15. Choose the correct answer:

Which tag creates a check box for a form in HTML? **(3marks)**

> a. <checkbox>
> b. <input type=" checkbox">
> c. <input=checkbox>
> d. <input checkbox>

16. The figure below shows CSS rules:

Name the letters **A, B, C, D** **(2marks)**

17. A) Give two main parts of an html attribute (**2marks**)

1. .... 2. ....

B) Provide at least 1 example for each by using the following attributes. (**3marks**)

- alt: ....
- title: ....
- src: ....

SECTION B: ATTEMPT ONLY 3 QUESTIONS   /30 MARKS

18. What do the following tags mean in a web design? **(10marks)**

> a. <HTML> </HTML>
>
> b. <TITLE></TITLE>
>
> c. <BODY></BODY>
>
> d. <I></I>
>
> e.

19. **a.** Write HTML code to produce the following Output: **(5marks)**

Quick	brown fox	jumps
	lazy	dog	and
over the	then	it	fall
	prey to a hunter

b. Write html codes to draw the following table **(5marks)**

Lettre	Code	Signification
à	`	a accent grave
É	&Eucute;	e majuscule
©	©	copyright

20. Analyze the following HTML Codes, and give Output. **(10marks)**

```
<html>

  <head>
   <title>Website development</title>
  </head>
   <body>
  <table border="2" width="600" >
     <tr>
        <td colspan="6" align="center" bgcolor="yellow">
STUDENTS MARK SHEET
        </td>
     </tr>
     <tr bgcolor="green" >
        <td width="200">Name</td>
        <td>Maths</td>
        <td>Science</td>
        <td>English</td>
        <td>Physics</td>
        <td>General Knowledge</td>
     </tr>
     <tr>
        <td>David</td>
        <td>85</td>
        <td>87</td>
```

```
                <td>88</td>
                <td>92</td>
                <td>88</td>
            </tr>
            <tr>
                <td>Richard</td>
                <td>91</td>
                <td>81</td>
                <td>78</td>
                <td>71</td>
                <td>74</td>
            </tr>
            <tr>
                <td>John</td>
                <td>81</td>
                <td>86</td>
                <td>88</td>
                <td>84</td>
                <td>92</td>
            </tr>
            <tr>
                <td>Tony</td>
                <td>84</td>
                <td>86</td>
                <td>87</td>
                <td>82</td>
                <td>81</td>
            </tr>
            <tr>
                <td>Scott</td>
                <td>71</td>
                <td>79</td>
                <td>82</td>
                <td>88</td>
                <td>89</td>
            </tr>
        </table>
</body>
</html>
```

21. Match in the following table each term in middle column and its corresponding meaning in the right column and then write the answer in the left column**(10marks)**

Answer	Tag	Description
1.	1. <!DOCTYPE>	a)Define a cell in a table
2.	2. <HTML>	b)Groups the header
3.	3. <TD>	c) This tag encloses the complete HTML documents and mainly comprises of document header which is represented by

		<head>...</head> and document body which is represented by <body>...</body> tags.
4.	4.<THEAD>	d) Defines a header cell in a table
5.	5.<TH>	e) This tag defines the document type and HTML version.

22. Produce html code that provides the below information (**10marks**).

    a) **Bold text:** ....

    b) *Italic*: ....

    c) Underlined text: ....

    d) **H_2O**: ....

    e) Today is **15th**: ....

SECTION C. ATTEMPT One(1) QUESTIONS   /15 MARKS

23. Design the following table with html codes.(**4marks**)

LEVEL FOUR Software Development			
No			
Name			**%**
Email			

24. Write html code to create a form that will ask the username , email, and password and add an appropriate attribute to the username field to prevent submitting it empty and the button to submit the field's values and add a reset button that can clear the form once you typed wrong information. **(15marks)**

25. Here there is a website design rules and their objectives. Using HTML list, Write HTML codes to produce the following Output. **(15marks)**

WEBSITE DESIGN RULES

Ojectives of a website

Regardless of your business, start by listing specific website goals and corresponding objectives that fit your overall marketing strategy and capabilities. Examples might include:

objectives:1

1. Search engine optimization
2. Well-organized content
3. User- friendly site
4. Effective calls to action
5. Increase conversion rate

goal: Increase sales

objectives: 2

A. Providing quality content on your website
B. Regularly adding new information
C. Establishing trust
D. Marketing your site on other websites and social media.

Goal: Becoming an authoritative resource.

Objectives:3

I. E-mainl mareting lists
II. Online support (live chate)
III. And content designed to give your visitor reason to come back

goal: improve interaction with existing and potential customers