WEB HUB

RULES:

) On the answer sheet team member should stick their team **QR** and write their unique participant id below it.

) Don't leave the app during the test.

) Time limit – **45 minutes.**

) Keep your mobile in airplane mode.

) Questions are based on fundamentals of Web Development.

) A team can have a maximum of 2 members.

) Each question carries one mark and * question carries two marks.

1.Which of the following is not a channel of mozilla?

    a. Firefox
    b. Firefox alpha
    c. Firefox Beta
    d. Firefox Aurora

2.White Spaces in XML includes

    a. Things like space characters,new lines and tabs
    b.Only Spaces
    c.Space between two double quotes
    d.None of these

3. The attribute, which define the relationship between current document and HREF'ed URL is

    a.REL
    b.URL
    c.REV
    d.All of these

4. Web links are stored within the page itself and when you wish to "jump" to the page that is linked, we select the hotspot or anchor. This technique is called

       a. hypertext
       b. hypermedia
       c. Both a & b
       d. anchoring

5. XSL is

       a. an XML based language to create style sheets
       b. a language which is not used in XML
       c.extensible solution language
       d.extended stylesheet language

6. JSON is preferred over xml because

       a.   JSON is a trusted one
       b.   serializing and deserializing is faster in JSON
       c.   Both a and b
       d.   None of these

7. The tag elements in XML and HTML are

       a. Case-sensitive and Case-insensitive
       b. Case-insensitive and Case-sensitive
       c. Case sensitive and Case-sensitive
       d. Case insensitive and Case-insensitive

8. What is the length of the application box made the following java program?

```
import java.aet.*;
import java.applet.*;
public class myapplet extends Applet
{
  Graphic g;
  g.drawString("A Simple Applet", 20, 20);
}
```

       a. 20
       b. Default value
       c. Compilation Error
       d. Runtime Error

9. Which of the following are automatically loaded and operates as a part of browser?

        a. Add-ons
        b. Plug-ins
        c. Utilities
        d. Widgets

10. Which of the following is true?

        a. ReactJs is a Server-side Framework
        b. ReactJs is a User-interface framework
        c. Both of these
        d. None of these

11. In HTML, which of the following can be considered a container?

        a. SELECT
        b. Value
        c. INPUT
        d. BODY

12. Consider the HTML table definition given below:

```
<table border=1>
<tr>
<td rowspan=2> ab </td>
<td colspan=2> cd </td>
</tr>
<tr>
<td> ef </td>
<td rowspan=2> gh </td>
</tr>
<tr><td colspan=2> ik </td>
</tr>
</table>
```
The number of rows in each column and the number of columns in each row are:

        a. (2,2,3) and (2,3,2)
        b. (2,2,3) and (2,2,3)
        c. (2,3,2) and (2,3,2)
        d. (2,3,2) and (2,2,3)

13. Which of the following statements is/are False?

   1. XML overcomes the limitations in HTML to support a structured way of organizing content.
   2. XML specification is not case sensitive while HTML specification is case sensitive.
   3. XML supports user defined tags while HTML uses pre-defined tags.

4. XML tags need not be closed while HTML tags must be closed.
- a. 2 only
- b. 1 only
- c. 2 and 4 only
- d. 3 and 4 only

14. To add a background color for all h1 elements, which of the following HTML syntax is used

- a. h1 { background-color: #FFFFFF}
- b. { background-color: #FFFFFF} . h1
- c. h1 {background-color: #FFFFFF} . h1(all)
- d. h1. all{bgcolor= #FFFFFF}

15. Expansion for SOAP

- a. Simple Object Application Protocol
- b. Standard Object Access Protocol
- c. Standard Object Application Protocol
- d. None of these

16. Which one of the following feature is wrong in WSDL?

- a. WSDL is an XML-based protocol for information exchange in centralized and distributed environments
- b. WSDL is an integral part of UDDI
- c. WSDL is a language for describing how to interface with XML-based services.
- d. WSDL was developed jointly by Microsoft and IBM.

17. Which of the following is used to display the overlapping web page?

- a. <iframe>
- b. <frame>
- c. Both
- d. None

18. Which one of these following syntax is not allowed in HTML Bookmark?

- a. <h2 id ="C4"> Chapter 4</h2>
- b. Chapter 4
- c. Chapter 4
- d. Chapter 4

*19. Write a JavaScript for addition of two numbers. (2)

20. Which of the following script fires the moment when the element gets focus?

        a. Onfocus
        b. target
        c. focus
        d.Ontarget

*21. Write a code Snippet for the following HTML Form. (2)

Name :
Birthday :
Telephone:
Submit

22. Which colour codes are used to display the colours RED and WHITE in HTML?

        a.#FFFFFF and #FF0000
        b.#FF0000 and #FFFFFF
        c.#FFF000 and #FFFFFF
        d. #FFFFFF and #FFF000

23.When setting the CSS style for several link states, which of the order rules are correct?

    i)hover MUST come after link and visited
    ii)active MUST come after hover

        a.statement (i) and (ii) are correct
        b.Statement (i) is correct
        c.Both the statements are wrong
        d. Statement(ii) is correct

24.How many number of yellow colour borders will be displayed in the output for the following code snippet?

```
<!DOCTYPE html>
<html>
<head>
<style>
[title~=flower] {
 border: 5px solid yellow;
}
```

```
</style>
</head>
<body>
<img src="klematis.jpg" title="klematis flower" width="150" height="113">
<img src="img_flwr.gif" title="flower" width="224" height="162">
<img src="img_tree.gif" title="tree" width="200" height="358">
<img src="img_pre.gif" title="flower jasmine" width="100" height="10">
</body>
</html>
```

    a. 2
    b. 1
    c. 4
    d. 3

25. Find the errors and rewrite the following code?

```
<!DOCTYPE html>
<html>
 <head>
  <title>Company page</title>
 </head>
 <body>
  <paragraph><b>Welcome! Here you can find the following things:</paragraph>
  <thead>
   <th>First name</th>
   <th>Last name</th>
  </thead>
  <table>
   <tr>
    <td>Mary</td>
    <td>Williams</td>
   </tr>
  </table>
 </body>
</html>
```

26. What would be the result of 3+2+"7" in javascript?

    a.compile time error
    b.5+"7"
    c.57
    d.12

*27. Every user on your website has an image avatar that is displayed when they post a comment. You   want to style these images differently from other images on your site. Add a CSS class named avatar that fulfils the following requirements:

1. The avatar's border is rounded, so that it appears as a circle.
2. The avatar's width and height are both 150px.
3. The avatar has a solid border, has a width of 2px, and be colored gray.

For example, the avatar in the template should look like:

*********THINGS AREN'T #000000 AND #FFFFFF**********