QUALIFICATION : BACHELOR OF GEOFORMATION TECHNOLOGY, BACHELOR OF ENTREPRENEURSHIP	
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COURSE CODE: WDF521S	COURSE: WEB DEVELOPMENT FUNDAMENTALS
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DURATION: 3 HOURS	MARKS: 80

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
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THIS EXAMINATION PAPER CONSISTS OF 8 PAGES

(INCLUDING THIS FRONT PAGE)

Instructions for the students

1. There are two Sections in this paper, Section A and Section B.

2. Answer ALL the questions in ALL Sections.

3. Write clearly and neatly.

4. Number the answers clearly.

SECTION A   Multiple Choice Questions   [30 marks]
Write down a letter representing the correct choice for each question

1. Choose the item that creates an image link to the school.htm page when the school.gif

   graphic is clicked.

   a. `<a href="school.html" src="school.gif" alt="school"></a>`

   b. `<a href="school.html"><img src="school.gif" alt="school"></a>`

   c. `<img src="school.gif" href="school.htm" alt="school">`

   d. none of the above

2. Select the tag used to place an image on a web page

   a. `<a href>`

   b. `<img>`

   c. `<image>`

   d. `<graphic>`

3. The ____ protocol is a set of rules that controls how data is sent between computers on the

   Internet.

   a. HTTP.

   b. IP.

   c. TCP.

   d. FTP.

4. Select the item below that lists the top-level domain name for the URL

   http://www.yahoo.com.

   a. http

   b. www

   c. yahoo

   d. com .

5. Select the main reason for the initial development of the World Wide Web from the list below:

a. To allow companies to advertise over the Internet.

b. To allow companies to conduct commerce over the Internet

c. To allow communication between researchers and links between research papers

d. none of the above

6. Select the true statement from the list below.

a. When a domain name ends in *.com* it indicates that it is a computer company.

b. A country code domain name can only be owned by someone who resides in that country.

c. Only non-profit organizations can purchase a .org domain name

d. None of the statements above are true

7. _____ is a set of rules for exchanging files such as text, graphic images, sound, video, and other multimedia files on the Web.

a. IP

b. TCP

c. FTP

d. HTTP

8. What tag pair is used to create the largest heading?
   a. <h1> </h1>

   b.

   c. <h type="smallest"> </h>

   d. <h6> </h6>.

9. What type of HTML list will automatically place a number in front of the items?

   a. numbered list

   b. ordered list

   c. unordered list

   d. definition list

10. Choose the best-designed link from below.

   a. Click to read our important news!

   b. Click to read our important news!

   c. Important News

   d. Click here to read our important news

11. Which of these tags does not have a closing tag?

   a. <table>

   b.

   c. <img>

   d. <head>

12. When using CSS you can use any of the selectors except.

   a. Name Selector

   b. Universal Selector.

   c. Class Selector

   d. Id Selector

13. Select the three most common methods of organizing websites.

   a. horizontal, vertical, and diagonal

   b. hierarchical, linear, and random

   c. accessible, readable, maintainable

   d. none of the above

14. Applying the design principle of _____ serves to add visual interest and draw attention.
    a. linear

    b. proximity

    c. contrast

    d. alignment

15. A _____ is a sketch or blueprint of a web page that shows the structure (but not the detailed design) of basic page elements such as the logo, navigation, content, and footer.

    a. site map

    b. wireframe

    c. drawing

    d. hierarchy

16. . When applying the design principle of _____ related items are grouped together.
    a. linear

    b. proximity

    c. repetition

    d. alignment.

17. Use the _____ tag pair to begin and end a table row.

    a. <td> </td>

    b. <tr> </tr>

    c. <table> </table>

    d. none of the above

18. Which of the following CSS properties positions the caption of a table?
    a. caption

    b. caption-side

    c. thead

    d. spacing

19. Select the HTML tag below that configures a button that, when clicked, will automatically reset form fields to their default values.

    a. <input type="Submit">

    b. <button type="reset">Reset</button>

    c. <input type="button" value="Reset" >

    d. both a and b.

20. The purpose of the _____ is to configure a label for a <fieldset>.
    a. <label>

    b. <p>

    c. <form>

    d. <legend>

21. Use an id to configure a style when:

    a. the style could apply to more than one element on a page.

    b. the style will apply to only one element on a page.

    c. the style is used for all elements on a page.

    d. None of the above.

22. The CSS universal selector is indicated by which of the following symbols?

    a. %

    b. #

    c. ?

    d. *

23. The purpose of the element is to describe the contents of a table.

    a. <summary>

    b. <caption>

    c. <title>

    d. <source>.

24. Use the _____ tag pair to configure a table head row group.

    a. <thead> .. </thead>

    b. <tgroup> .. </tgroup>

    c. <tbody> .. </tbody>

    d. <tfoot> .. </tfoot>

25. Choose the best answer below to the following question: Is the following CSS code valid?
```
{ border: 2px #000000 solid;
        border-spacing: 0;
        }
```
    a. Yes.

    b. No, there is no border-spacing property.

    c. No, there is no border property.

    d. No, 0is not a valid value for the border-spacing property.

State whether each of the following is True or False.

26. The CSS border-spacing property can be used to configure the horizontal and vertical spacing

of table borders.

27. CSS is the language we use to style an HTML document.

28. The title element configures large, bold text at the beginning of the web page document.

29. Web pages have two sections: a head and a body.

30. The content that displays in the browser is contained in the body section.

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Section B   Structured Questions   [50 marks]

Question One   [20 marks]

   a) Differentiate between HTML and XTML?   (6 marks)

   b) Describe the difference between ordered lists and unordered list use HTML code to show the
      differences   (10 marks)

   c) Describe at least 4 input elements that can be using HTML Form   (4 marks)

Question Two   [30 marks]

Write the HTML code that will produce this contact for ensuring that:

a) Embedded Javascript is used   [15]

b) When a user omits any field a prompt message appears (" Fill in Missing Field !")   [10]

c) When the reset button is clicked all the text boxes become empty.   [5]

##END OF EXAM ####