ПAMIBIA UПIVERSITY
OF SCIEПCE AПD TECHПOLOGY

FACULTY OF COMPUTING AND INFORMATICS

DEPARTMENT OF INFORMATICS, JOURNALISM AND MEDIA TECHNOLOGY

QUALIFICATION : Bachelor of Geo-Information Technology, Bachelor of Entrepreneurship	
QUALIFICATION CODE: 07BGEI, 07BENT	COURSE LEVEL: NQF LEVEL 5
COURSE: Web Development Fundamentals	COURSE CODE: WDF521s
DATE: NOVEMBER 2024	SESSION: 1
DURATION: 3 Hours	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
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MODERATOR (S):	MR. ELIAZER MBAEVA

THIS EXAMINATION PAPER CONSISTS OF 6 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.

1. Which of the following tags, is used to force the browser to display the next text or element on a new line?
   a. <new line>
   b. <p>
   c.
   d. <line>

2. Choose the true statement below.
   a. The content that displays in the browser is contained in the head section.
   b. The content that displays in the browser is contained in the body section.
   c. Information about the web page is contained in the body section.
   d. All of the above are true.

3. 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

4. Which of the following tags does not require a closing tag?
   a. <p>
   b.
   c. <i>
   d. <a>

5. The purpose of the _____ element is to configure the headings for a web page document or section of a web page document.
   a. headings
   b. nav
   c. header
   d. head

6. When CSS is coded in the body of the web page as an attribute of an HTML tag it is called _____.
   a. Embedded
   b. Inline
   c. External
   d .Imported

7. An external style sheet uses the _____ file extension.
   a. ess
   b. css
   c. htm
   d. No file extension is necessary.

8. Select the HTML tag from the list below that configures a textbox with the name "email" and a width of 40 characters.
   a. <input type="text" id="email" width="40" >
   b. <input type="text" name="email" size="40" >
   c. <input type="text" name="email" space="40" >
   d. <input type="text" width="40" >

9. You would like to conduct a survey and ask your web page visitors to indicate the computer operating systems that they use. Each visitor could use more than one computer operating system. Select the form control that is best to use for this purpose.
   a. check box
   b. radio button
   c. text box
   d. scrolling text box

10. Choose the HTML tag below that would configure a scrolling text box with the name "feedback", 3 rows, and 60 characters.
    a. <textarea name="feedback" width="60" rows="3"></textarea>
    b. <input type="textarea" name="feedback" size="60" rows="3" >
    c. <textarea name="feedback" rows="3" cols="60"></textarea>
    d. none of the above

11. The purpose of the _____ is to configure a label for a <fieldset>.
    a. <label>
    b. <p>
    c. <form
    d. <legend>

12. Select the code below that will configure a background image called parchment.gif for a web page using CSS.

    a. body {background-image:url(parchment.gif); }
    b. document {background:parchment.gif; }
    c. body {background:parchment.gif'}
    d. None of the above

13. When applying the design principle of _____, related items are grouped together.
    a. linear
    b. proximity
    c. repetition
    d. alignment

14. Select the most commonly used site organization for commercial web sites.
    a. random
    b. linear
    c. hierarchical
    d. none of the above

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. Use _____ element to indicate table column headings or table row headings.
   a. \<tr>
   b. \<th>
   c. \<thead>
   d. \<head>

17. The purpose of the _____ element is to describe the contents of a table.
   a. \<summary>
   b. \<caption>
   c. \<title>
   d. \<source>

18. Use the CSS _____ property to configure the cellpadding of a table.
   a. padding
   b. margin
   c. cellpadding
   d. none of the above

19. 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\

20. To associate an external style sheet with a web page, code:
   a.a link element in the body section of the web page
   b.a link element in the head section of the web page
   c.a style element in the body section of the web page
   d.a style element in the head section of the web page.

21. Select the true statement from those listed below.
   a. \<script> tags are used to contain JavaScript statements
   b. \<script> tags can be placed in both the header and the body section of a web page
   c. \<script> tags are read by the browser
   d. All of the statements above are true

22. In the context of web page interactivity, a(n) _____ can be described as an action taken by the user.
   a. object
   b. event
   c. tag
   d. browser

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23. Cascading Style Sheet rules are comprised of:

    a. Selectors and Declarations
    b. Properties and Declarations
    c. Selectors and Attributes
    d. None of the above

24. To associate an external style sheet with a web page, code:

    a. a link element in the body section of the web page
    b. a link element in the head section of the web page
    c. a style element in the body section of the web page
    d. a style element in the head section of the web page

25. To apply a style to a certain group of elements on a web page, configure a CSS
_____.

    a. group
    b. id
    c. class
    d. None of the above

Section   B Structured
[10 marks]

Question One
[8 marks]

Describe the following design principles:
    a. Contrast
    b. Repetition
    c. Alignment
    d. Proximity

Question Two

Define the acronym HTTP and indicate how it is used?
[2 marks]

Section C
[65 marks]

Question One
[35 marks]

Write the Html code that will display the table below

Basic Science Students

Student Number	Name	Surname
20145678	Tobias	Shilongo
20148973	Maria	Ithana
20148978	Manfred	Beukes
20148970	Amanda	Brown

All students were present.

Question Two

Write the Html code that will display the html web page below   **[30 marks]**

a)	Title	(1 mark)
b)	Appropriate heading	(1 mark)
c)	Legend	(2marks)
d)	Field set	(2 marks)
e)	Labels	(4 marks)
f)	Input types	(8 marks)
g)	Submit Buttons	(2 marks)
h)	Html Structure	(10 marks)

[THE END]