University of the Visual & Performing Arts
Bachelor of Visual Arts (Honours) Degree 3rd Year Examination - 2018/2019
Faculty of Visual Arts
Web and Educational Technologies - VAIT 33012

	Question No.	Part A	Part B	Part C	Part D	Total
Marks	**First Examiner**					
	Second Examiner					

Index No: **Duration: 2 hours**

Instructions:
- **This paper contains six pages including Part A, Part B, Part C and Part D.**
- **Answer all questions on the paper itself.**

Part A

1. All HTML tags are enclosed in what symbols?

    a) # and #
    b) ? and !
    c) < and >
    d) { and }

2. <title> tag is used in HTML to insert a title……………..

    a) for the output file
    b) for the header part of HTML coding
    c) for the HTML coding
    d) for the web page

3. Which tag allows you to add a new data item into a table cell?

    a) <td> and </td>
    b) <cr> and </cr>
    c) <th> and </th>
    d) <tr> and </tr>

4. <a> tag is used for …………….

    a) adding an image
    b) aligning text
    c) adding audio and text
    d) adding hyperlinks

5. To create a web page, you need ………………….

    a) a web browser
    b) a text editor
    c) a web browser and a text editor
    d) none of the above

6. The correct group of attributes related to the <font> tag is…..………..

    a) size, face and color
    b) height, size and color
    c) width, height and color
    d) alt, size and color

7. How do you create a blank line in a web page?

    a) press enter two times
    b) press shift + enter
    c) insert <br> tag
    d) insert <bline> tag

8. A webpage can display a picture (image). Which tag is used to insert a picture?

    a) <picture>
    b) <image>
    c) <img>
    d) <src>

9. Which tag is added a scrolling text in a web page?

    a) <marquee>
    b) <scrooll>
    c) <fieldset>
    d) <circular>

10. Which of the following tag is used to mark a beginning of a paragraph?

    a) <td>
    b)
    c) <p>
    d) <pr>

11. <td align = "right"> is used to …………….. inside a table cell
    a) justify the contents
    b) right align the contents
    c) align the contents
    d.) center align the contents

12. Which tag is used to create an unordered list?

    a)
    b)
    c)
    d) none of these

2

13. Which tag could be used to arrange a list as a description list?
  a)
  b)
  c)
  d) <dl>

14. **** VAIT 33012 – Web and Educational Technology **** would result to appear the text as follows

  a) **VAIT 33012 – Web and Educational Technology**
  b) *VAIT 33012 – Web and Educational Technology*
  c) <u>**VAIT 33012 – Web and Educational Technology**</u>
  d) vait 33012 – web and educational technology

15. "Cell padding" means the ……………….. in a table

  a) gap between two cells
  b) space within a cell
  c) boundary space in a cell
  d) space between the cell edge and the cell content

16. What is the correct attribute and value pair that you'll use with **<th>** to merge two cells vertically in a table?

  a) rowspan= "2"
  b) merge=colspan "2"
  c) colspan= "2"
  d) merge=row "2"

17. In HTML, X, Y, Z parameters in RGB(X, Y, Z) define the intensities of color between

  a) 0-65536
  b) 0-90
  c) 0-255
  d) 0-infinity

18. <textarea> tag allows………………input field

  a) single line
  b) multiple lines
  c) 10 characters
  d) unlimited characters

19. Consider the following statements related to HTML tags

  A- Should be written in upper case only
  B- Should be written in lower case only
  C- Can be written both upper case and lower case
  D- Can be written in Sinhala language

  What are the correct statement (s)?

  a) A only   b) B only   c) C only   d) A,B,C and D

3

20. An internal style sheet in a HTML document can be defined…………………………..

    a) in <title> section
    b) in <head> section
    c) at the end of the document
    d) in the <body section>

{Marks 40 (2 x 20)}

Part B

Determine whether the statements below are True (T) or False (F).

	Statements	True (T) / False (F)
1	**<new table>** tag will start a new table in a web page.	
2	**jpg** and **png** file formats support for images in HTML	
3	All tags are used in pairs in HTML.	
4	More than one rule can be assigned to a particular element in a style sheet, but the browser will follow the rule that take precedence.	
5	The text between **<sub>** and **</sub>** tags disply a sub section of text.	
6	**alt** attribute is used with **img** tag to display a given text at a time when the image could not display in a browser.	
7	The text between the **<u>** and **</u>** tags will display in an underlined text.	
8	**<h1>,<h2>,<h3>,………,<h10>** tags are used to define text sizes in HTML.	
9	**Strikethrough** (eg. ~~Sri Lanka~~) text can not be inserted in a web page.	
10	Mozilla firefox is not a web browser.	

{Marks 20 (2 x 10)}

Part C

Match the contents of column A with those of the column B and write the relevant letter in the space given below

1 ……………..	2 ……………….	3 ……………..	4 ………………	5 ……………….
6 ……………..	7 ……………….	8 ……………..	9 ………………	10 ……………...

Column A **Column B**

1	\<pre\> tag in HTML	A	Hyper Text Markup Language
2	\<!--Helo World --\>	B	Used for indicating preformatted text
3	The way to insert a background image to the web page.	C	\<tr\>
4	External style sheet	D	target="_blank"
5	In HTML, this attribute is used to create a link that opens in a new window tab.	E	HTML comment
6	This HTML tag is used to add a new row in a table.	F	Used to create a text area in HTML form
7	\<select\> tag in HTML	G	\<body background="background.gif"\>
8	\<hr/\> tag in HTML	H	Used to create a horizontal rule between sections
9	\<textarea\> \</textarea\>	I	Used to create a dropdown in HTML form
10	HTML stands for	J	Can be written in any text editor. It must be saved with a .css extension

Part D

{Marks 20 (2 x 10)}

Answer all questions given bellow.

1. Describe the main three types of style sheets in CSS?
   ………………………………………………………………………………………………………
   ………………………………………………………………………………………………………
   ………………………………………………………………………………………………………
   ………………………………………………………………………………………………………

{03 marks}

2. Write (or draw) the output of the HTML code given bellow?

```
<html>
<body>
<h1>Country categories in the world</h1>
<ul type ="circle">
        <li>Developed economies</li>
        <li>Economies in transition </li>
                <ol type="1">
                        <li>Albania</li>
                        <li>Serbia</li>
                        <li>Georgia</li>
                </ol>
         <li> Fuel-exporting countries </li>
                <ol type="A">
                        <li>Iraq</li>
                        <li>Bahrain </li>
                        <li>Algeria</li>
                </ol>

</ul>
</body>
</html>
```

………
………
………
………
………
………
………
………
………
………
………
………

{06 marks}

3. Briefly explain how to modify the output of HTMLtags by using **attributes and values**

………
………
………
………
………
………

{04 marks}

6

4. Write the code to get the following output.

Companies in Sri Lanka

Company	Contact	Address
Maliban Buscuit	Mr. Asela	Rathmalana
Toyota Lanka	Mr. Amarasena	Wattala

....
....
....
....
....
....
....
....
....
....
....
....
....

{07 marks}

....
....

27.05.2022