



UNIVERSITY OF BUEA  
FIRST SEMESTER EXAMINATIONS  
MONTH: January

COLLEGE OF TECHNOLOGY  
COURSE TITLE: STATIC WEB DESIGN (CEC221)  
COURSE INSTRUCTOR: TCHAPGA TCHITO, PhD  
MELINGUI MELONO Robert L., PhD

DATE: 30/01/2022

DURATION: 2h00

Candidates should start with the theoretical section for 1h30 min. then go for practical for 30min

**RECOMMENDATION: Make sure the code (script) for all questions**

is well indented

**QUESTION 1 : (25 marks)**

**1. MCQ (4 marks)**

1.1. What is the correct HTML for inserting an image

- a) `<img alt=" MyImage" image.gif/img>`
- b) `<image src=" image.gif" alt=" MyImage">`
- c) ``
- d) `<img href=" image.gif" alt=" MyImage">`

1.2. In how many ways can CSS be written in? a) 1 b) 2

- c) 3 d) 4

1.3. Choose the correct HTML tag for the largest heading: a) h1

- b) head c) h6 d) header

1.4. Who is making the Web standards? a) Google b) Microsoft

- c) The W3C d) Netscape

2. Establish the relationship between: web, HTML, CSS and web browser. (4 marks)

3. Write the minimum script to edit an html5 page. (4 marks)

4. Explain this line: `<meta charset="utf-8" />`. What will append to this page after commenting this line, when the user will refresh this Minimum script? (2.5 marks)

5. What does HTML and CSS stand for? (2 marks)

6. Give the correct HTML line of script for referring to an external style sheet. (1.5 marks)

7. Where is the correct place to refer to an external style sheet in an HTML document? (1 marks)

8. Give the difference between the padding and the margin (you can use a graphical representation for illustration). 2marks

9. Explain how to check variables status in JavaScript code using the browser. 2marks

10. Give the difference between "==" and "===" operators in JavaScript. 1mark

11. Which symbol is used for comments in JavaScript? 1mark

**QUESTION 2 (20 marks)**

1. Explain how do these scripts work? What will they display through the web browser?

1.1. `<p><a href="mailto:name@domaine.com"></a></p>` (2 marks)

`</p>`

1.2. `<p><a href="myfile.zip"> send me a mail! </a></p>` (2 marks)

1.3. `<a href="http://ub.org"></a>` (3 marks)

2. Explain each line of these CSS scripts (2+ 8 + 3 marks)

2.1.

`div, p {text-transform: uppercase; }`

2.2.

`/* Banner */`

`#banner_image {`

`margin-top: 15px;`

`height: 200px;`

`border-radius: 5px;`

`background: url('images/sanfrancisco.jpg') no-repeat;`

`position: relative;`

`margin-bottom: 25px;}`

2.3. Give the output of the following JavaScript code snippet.

`var a = 1;`

`var b = 0;`