BRAINWARE UNIVERSITY

Term End Examination 2023-2024
Programme – BCA-Hons-2023
Course Name – HTML, CSS and CSS Preprocessor
Course Code - BCA20002
(Semester II)

Full Marks : 60   **Time : 2:30 Hours**
[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A
(Multiple Choice Type Question)   1 x 15=15
1.   *Choose the correct alternative from the following :*

(i)   Which tag is used to define the root of an HTML document?

a) < header >   b) < html >
c) < body >   d) < title >

(ii)   What is the primary purpose of the CSS property 'color'?

a) The background color of an element   b) The border color of an element.
c) The text color of an element.   d) The margin color of an element.

(iii)   Identify the key differences between inline CSS and external CSS.

a) Inline CSS is more efficient than external CSS.   b) External CSS allows for better separation of concerns compared to inline CSS.

c) Inline CSS and external CSS serve the same purpose.   d) External CSS cannot be used for styling HTML elements.

(iv)   Which of the following symbol that is used to declare a variable in Sass?

a) #   b) &
c) @   d) $

(v)   Select the directive that is used to share a set of CSS properties from one selector to another.

a) @share   b) @import
c) @transfer   d) @extend

(vi)   Identify the purpose of the < head > tag in an HTML document.

a) To define the main content of the document   b) To insert a line break
c) To create headings within the document   d) To contain metadata about the document

(vii)   Describe how nested elements are illustrated in HTML.

a) By aligning them horizontally   b) By separating them with commas
c) By enclosing them within other elements   d) By changing their font color

(viii)   Apply the concept of a system that responds to requests for pages from the browser.

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a) web page   b) web browser

c) web server   d) None of these.

(ix) Identify the tag used with title tag to make the title bold.

a) bold   b) italic

c) boldfont   d) bolds

(x) Express the purpose of the HTML attribute href in the < a > tag.

a) Hyperlink reference   b) Hypertext reference

c) Hyperlink   d) Hyper text file

(xi) Identify the tag that is used for inserting the largest heading in HTML.

a) head   b) < h1 >

c) < h6 >   d) heading

(xii) Identify the CSS selector that is used to select all elements with a specific class.

a) #classname   b) classname

c) class:classname   d) element.classname

(xiii) Identify the CSS property that is used to control the space inside the border of an element.

a) padding   b) margin

c) border-spacing   d) box-space

(xiv) Select the CSS property that is used to specify the color of text within an HTML element.

a) font-color   b) text-color

c) color   d) text-style

(xv) Which file extension is commonly associated with Stylus files?

a) .js   b) .html

c) .css   d) .styl

Group-B
(Short Answer Type Questions)   3 x 5=15

2. Distingush between margin and padding.   (3)
3. Explain what do you mean by definition lists in HTML.   (3)
4. How do you add buttons in HTML?   (3)
5. Compare the < em > and < i > tags using a relevant example.   (3)
6. Classify the various HTML formatting tags available.   (3)

OR

Compare and contrast the assortment of formatting tags provided by HTML.   (3)

Group-C
(Long Answer Type Questions)   5 x 6=30

7. Differentiate between LESS and Sass.   (5)
8. Differentiate between @extend and @include directives in SASS, highlighting their respective   (5) use cases.
9. Apply the differences among inline, block, and inline-block display properties in CSS, and   (5) propose situations where each would be suitable.
10. What are forms and how to represent forms in HTML?   (5)
11. Describe the structure of an HTML document.   (5)
12. Compare the main advantages and disadvantages of SASS.   (5)

OR

Assess the procedure to define a variable in SASS.   (5)

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