



16838



BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – BCA-Hons-2024

Course Name – HTML, CSS and CSS Preprocessor

Course Code - BCA20002

(Semester II)

Library
Brainware University
398, Ramkrishnapur Road, Barasat
Kolkata, West Bengal-700125

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 for defining navigation links?
 - a) < nav >
 - b) < menu >
 - c) < list >
 - d) < links >
- (ii) Which tag is used for a header section?
 - a) < header >
 - b) < head >
 - c) < top >
 - d) < h1 >
- (iii) What is the correct HTML syntax for inserting an email link?
 - a) < a href="mailto:someone@example.com" >
 - b) < email > someone@example.com < /email >
 - c) < mail > someone@example.com < /mail >
 - d) < a email="someone@example.com" >
- (iv) What is the purpose of the < title > tag?
 - a) Defines the main content
 - b) Specifies the webpage title shown in the browser tab
 - c) Adds a footer to the page
 - d) Inserts an image
- (v) Select the correct structure of an HTML document.
 - a) < head > , < title > , < body >
 - b) < !DOCTYPE > , < html > , < head > , < body >
 - c) < html > , < meta > , < title > , < footer >
 - d) < html > , < div > , < span > , < head >
- (vi) Infer the tag that defines a label for an input field.
 - a) < label >
 - b) < form >
 - c) < input >
 - d) < name >
- (vii) Show the attribute that sets the maximum length for an input.
 - a) maxlength
 - b) length

- c) size
(viii) Show the tag used to define a footer section.
a) < footer >
c) < bottom >
(ix) Show the tag used to define a paragraph in HTML.
a) < h1 >
c) < span >
(x) Infer the attribute used to specify an image source.
a) src
c) alt
(xi) Choose how to set an alternating row color in a table.
a) :hover
c) alternate-color
(xii) Select the symbol used for an ID selector.
a) .
c) *
(xiii) Choose the invalid SASS file extension.
a) .scss
c) .ss
(xiv) Identify the preprocessor that does not use curly braces {} and semicolons ;.
a) SASS
c) LESS
(xv) Choose the correct way to define a variable in Stylus.
a) \$color = blue
c) @color: blue;
- d) maxsize
b) < section >
d) < div >
b) < p >
d) < div >
b) href
d) target
b) nth-child(even)
d) table-stripe
b) #
d) @
b) .sass
d) .styl
b) Stylus
d) PostCSS
b) color = blue
d) var color = blue;

Group-B

(Short Answer Type Questions)

3 x 5=15

2. What is the difference between an Ordered list and an Unordered list? (3)
 3. Illustrate and explain the HTML code used to display the following text on the browser screen. (3)
"All HTML documents get started with the < HTML > tag. The content is present in the < BODY > tag".
 4. Identify the role of the < title > tag in an HTML document and its significance for search engine optimization (SEO). (3)
 5. Explain all HTML tags used to display a table. (3)
 6. Analyze the functionality of "variables" in a CSS preprocessor. (3)
- OR**
- Analyze the concept of "nesting" within a CSS preprocessor. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Compare between a Container tag and an Empty tag in HTML. (5)
8. Describe the CSS box model, including its components and how padding, border, and margin properties influence the layout of HTML elements. Support your explanation with examples to illustrate the application of the box model in practice. (5)

9. What are the benefits of utilizing markup languages in web development, and how are they applied to achieve specific objectives? (5)
10. Explain the distinction between block elements and inline elements in HTML, providing appropriate instances. (5)
11. Analyze the impact of the CSS box model on the layout of a web page. (5)
12. Explain the structure of an HTML document, including the essential elements and their roles. (5)
Provide an example of a basic HTML document.

OR

How can you create a form in HTML to collect a user's name and email address, and submit the data to a server-side script named "submit.php" using the POST method? Explain it. (5)

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