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Brainware University
Barasat, Kolkata -700125

Term End Examination 2025-2026
Programme – M.Sc.(AM)-2025
Course Name – Web Technology
Course Code - MMM17405 (T)
(Semester I)

Full Marks : 40 **Time : 2:0 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 10=10

1. *Choose the correct alternative from the following :*

(i) Identify the selector that targets an element with a specific ID.

a) #idname b) .idname
c) idname d) @idname

(ii) Identify the property used to change text color in CSS.

a) text-color b) font-color
c) color d) background-color

(iii) Identify the CSS property used to set the font size.

a) text-size b) font-weight
c) font-size d) size

(iv) Identify the correct CSS rule for selecting all < p > elements.

a) p {} b) .p {}
c) #p {} d) p() {}

(v) Identify the property used to control space between lines of text.

a) letter-spacing b) word-spacing
c) line-height d) spacing

(vi) Identify the property that defines the font family.

a) font-style b) font-family
c) text-style d) font-set

(vii) Recognize the property used to align items in the center of a flex container.

a) align-content b) align-items
c) flex-grow d) justify-content

(viii) Select the Bootstrap button style that indicates a cautionary or warning action.

a) .btn-warning b) .btn-danger
c) .btn-link d) .btn-info

(ix) Select the Bootstrap classes used to create a vertical pills navigation layout.

a) .nav, .nav-tabs
b) .nav, .nav-pills
c) .nav, .nav-pills, .nav-stacked
d) .nav, .nav-tabs, .nav-justified

(x) Select the correct statement about the Bootstrap Jumbotron component.

a) This component can optionally increase the size of headings and add a lot of margin for landing page content.
b) To use the Jumbotron: Create a container with the class of .jumbotron.
c) Both of the above.
d) None of the above.

Group-B

(Short Answer Type Questions) 3 x 5=15

2. Explain the difference between Flexbox and Grid in CSS. (3)
3. Describe the effect of line-height on text readability. (3)
4. Describe the method to create a nested list in HTML. (3)
5. Show the role of max-width in responsive design. (3)
6. Distinguish between id and class selectors in CSS. (3)

OR

Distinguish between em and rem units in CSS. (3)

Group-C

(Long Answer Type Questions) 5 x 3=15

7. Identify block-level elements used in HTML layout. (5)
8. Examine the effectiveness of HTML layout using only divs. (5)
9. Analyze the impact of improper nesting of HTML tags. (5)

OR

Analyze the advantages of using Bootstrap for layout. (5)

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