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BRAINWARE UNIVERSITY

Term End Examination 2024-2025
Programme – B.Sc.(AM)-Hons-2024
Course Name – Responsive Web Design
Course Code - BAM27202 (T)
(Semester II)

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) State the full form of HTML.

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|-------------------------------|-------------------------------|
| a) HyperText Markup Language | b) HyperText Machine Language |
| c) HyperText Marking Language | d) HighText Marking Language |

(ii) State apart from < b > tag, what other tag makes text bold.

- | | |
|---------------|--------------|
| a) < fat > | b) < black > |
| c) < strong > | d) < em > |

(iii) Identify the correct HTML tag for the largest heading.

- | | |
|---------------|-----------|
| a) < h1 > | b) < h6 > |
| c) < header > | d) < h3 > |

(iv) Name the tag that is used for a list item in both ordered and unordered lists.

- | | |
|-------------|----------------|
| a) < item > | b) < list > |
| c) < li > | d) < element > |

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

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

(vi) Identify the CSS property used to change the background color.

- | | |
|------------|---------------------|
| a) color | b) background-color |
| c) bgcolor | d) back-color |

(vii) Select the CSS property that makes text bold.

- | | |
|----------------|---------------|
| a) text-bold | b) font-style |
| c) font-weight | d) bold |

(viii) Choose the best way to ensure images scale within a container.

- | | |
|--------------------|----------------------|
| a) width: 100% | b) height: auto |
| c) max-width: 100% | d) object-fit: cover |

(ix) Recognize the effect of 'flex-direction: column'.

- | | |
|----------------------------|------------------------------|
| a) Reverses row order | b) Aligns items horizontally |
| c) Aligns items vertically | d) Shrinks items |

(x) Choose the best way to handle content overflow on small screens.

- | | |
|---------------------------|---------------------------|
| a) Use overflow-x: hidden | b) Use display: none |
| c) Use min-width: 500px | d) Use visibility: hidden |

Group-B

(Short Answer Type Questions)

3 x 5=15

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| 2. Define html lists. | (3) |
| 3. Describe the difference between < ul > and < ol > in HTML. | (3) |
| 4. Distinguish between inline internal and external CSS. | (3) |
| 5. Explain the difference between Flexbox and Grid in CSS. | (3) |
| 6. Explain the importance of the flexbox model in responsive design. | (3) |

OR

Explain how the media queries help in building responsive websites.	(3)
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Group-C

(Long Answer Type Questions)

5 x 3=15

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|---|-----|
| 7. Define an HTML form and explain its key elements. | (5) |
| 8. Explain the purpose of media queries in CSS. | (5) |
| 9. Summarize the key properties used in CSS Grid for defining rows and columns. | (5) |

OR

Summarize the advantages of using CSS Grid over traditional layout techniques.	(5)
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