



17838



## BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – BCA(MAWT)-Hons-2024

Course Name – Client Side Scripting Lab

Course Code - BMT27002 (T)

( Semester II )

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

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) What is JavaScript primarily used for?

- |                          |                        |
|--------------------------|------------------------|
| a) Styling               | b) Markup              |
| c) Client-side scripting | d) Database Management |

(ii) Which of the following is NOT a JavaScript data type?

- |            |              |
|------------|--------------|
| a) String  | b) Number    |
| c) Boolean | d) Character |

(iii) Which method is used to select an element by it's ID in JavaScript?

- |                        |                           |
|------------------------|---------------------------|
| a) getElementByClass() | b) querySelectorAll()     |
| c) getElementById()    | d) getElementsByTagName() |

(iv) Show which of the following is not a framework?

- |                    |               |
|--------------------|---------------|
| a) JavaScript .NET | b) JavaScript |
| c) Cocoa JS        | d) jQuery     |

(v) Show which of the following object is the main entry point to all client-side JavaScript features and APIs?

- |             |             |
|-------------|-------------|
| a) position | b) Window   |
| c) Standard | d) Location |

(vi) JavaScript is ideal to \_\_\_\_\_.

- |  |  |
|--|--|
| a) make computations in HTML simpler         | b) minimize storage requirements on the web server |
| c) increase the download time for the client | d) increase the loading time of the website        |

(vii) What does the history.length property represent?

- a) Number of entries in the history stack      b) Length of the current URL  
 c) Number of properties in the history object      d) None of the mentioned
- (viii) Show which method would you use to replace the current history entry with a new URL without adding a new entry to the history stack?
- a) history.replace()      b) history.replaceState()  
 c) history.pushState()      d) history.update()
- (ix) What does the location property represent?
- a) Current DOM object      b) Current URL  
 c) Both DOM object and URL      d) Document
- (x) What is the return type of the hash property?
- a) Query string      b) Packets  
 c) String      d) Fragment identifier

#### Group-B

(Short Answer Type Questions)

3 x 5=15

2. What is JavaScript? (3)  
 3. Describe what is a closure in JavaScript. (3)  
 4. Write down the localStorage in JavaScript. (3)  
 5. Write down the differences between synchronous and asynchronous code. (3)  
 6. Explain what is a generator function. (3)

OR

Explain what is a Symbol in JavaScript. (3)

#### Group-C

(Long Answer Type Questions)

5 x 3=15

7. What is the difference between synchronous and asynchronous code? (5)  
 8. Describe what is the difference between slice() and splice(). (5)  
 9. Explain what is the difference between innerHTML and textContent. (5)

OR

Explain how do you merge two arrays in JavaScript. (5)

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