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SARDAR PATEL UNIVERSITY

BCA-II Semester (CBCS) NC Examination, April-2022

Subject Code :US02CBCA23 Subject Title: Web Application Development-II

Date : 26-04-2022, Tuesday Time : 12:00 PM. TO 02:00 PM Total Marks: [70]

Note: Right hand figure indicates the marks of each question.

Q.1 Multiple Choice Questions [10]

- 1 _____ Scripts are executed by the Browser.
a. Client-side b. Server-side c. CSS d. HTML
- 2 Which attribute of <SCRIPT> tag is used to specify the language of script?
a. language or Type b. Name c. Id d. None of these
- 3 You need a _____ to execute a server-side script.
a. Browser b. Client c. Server d. Web server
- 4 Which keyword is used to declare a variable as an integer?
a. int b. num c. var d. None of these
- 5 Fixed or constant values in an expression is called _____.
a. Literals b. Conversion c. Tokens d. Type Casting
- 6 Which operator is used to concatenate two strings?
a. + b. ++ c. += d. None of these
- 7 In JavaScript created objects using _____ operator (keyword).
a. new b. Arithmetic c. logical d. Assignment
- 8 The _____ property returns the number of characters in a string.
a. charAt b. length c. indexOf d. substr
- 9 The topmost object in the DOM is _____.
a. History b. Navigator c. Document d. Window
- 10 _____ Event occurs when the user clicks on an element.
a. onclick b. onblur c. onfocus d. onload

Q.2 Do as Directed: [08]

- 1 JavaScript is an _____
- 2 NaN means _____
- 3 The _____ object allows you to perform mathematical tasks.
- 4 _____ Event occurs when an element gets focus.
- 5 Client-side scripts are written in JavaScript. [True/False]
- 6 parseInt() functions is used to convert the string into Integer number. [True/False]
- 7 The max () method returns the largest value from the list. [True/False]
- 8 History object contains the history of pages visited by the user. [True/False]

Q.3 Short Questions. [Attempt any Ten] [20]

- 1 Write a note on <script> tag.
- 2 List two languages used in Client-side scripting and Server-side scripting
- 3 What is Client-side Scripting?
- 4 List out primitive data types.
- 5 Write a note on IF statement.
- 6 Write a note on Concatenation operator.
- 7 Explain the TOUPPERCASE() method with its syntax and example.
- 8 Explain the MIN() method of Math object with its example.
- 9 Explain the GETMONTH() method of Date object with its example
- 10 Explain the **back** and **forward** methods of History object in short
- 11 Explain the write () method of Document object with an example.
- 12 Explain the **bgColor** property of Document object in short.

Q.4 Long Questions [Attempt any Four] [32]

- 1 Write a note on Applications of JavaScript
- 2 Differentiate between Server-side and Client-side scripting
- 3 Write a note on Conditional Constructs (statements).
- 4 Write a note on Operators.
- 5 Explain how can you Creating, assigning, initializing Arrays in JavaScript with its syntax and example.
- 6 Explain Get methods in Date object with its syntax and example.
- 7 Draw and explain the structure of DOM Hierarchy in detail
- 8 What is Event Handling? Explain any 5(five) with an example.

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