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SEAT No. \_\_\_\_\_

SARDAR PATEL UNIVERSITY

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F.Y.B.Sc. (CA & IT) 2<sup>nd</sup> SEM CBCS (Reg) Examination April-2022

US02CIIT52 || Web Application Development-I

Date: 26/04/2022 Tuesday

Time: 12:00pm to 02:00pm

Maximum Marks: 70

**Q.1 Answer the following questions.**

**[10]**

- 1 You need a \_\_\_\_\_ to execute a server-side script.  
(a) Browser (b) Client (c) Server (d) Extra flow
- 2 \_\_\_\_\_ scripts are executed by the Browser.  
(a) Client-side (b) Server-side (c) CSS (d) HTML
- 3 The scripts which executes based on user action or some condition are written in \_\_\_\_\_.  
(a) CSS (b) JavaScript (c) PHP (d) ASP
- 4 How many operands are required for operator ++?  
(a) Zero (b) One (c) Two (d) Three
- 5 Fixed or constant values in an expression is called \_\_\_\_\_.  
(a) Tokens (b) Conversion (c) Literals (d) Type Casting
- 6 \_\_\_\_\_ keyword is used to declare a variable as an integer.  
(a) int (b) num (c) var (d) None of these
- 7 In JavaScript created objects using \_\_\_\_\_ operator keyword.  
(a) Assignment (b) Arithmetic (c) logical (d) new
- 8 The \_\_\_\_\_ method returns the absolute value (positive value) of a number.  
(a) round() (b) ceil() (c) floor() (d) abs()
- 9 \_\_\_\_\_ method displays the next page from the history stack the user had visited in the browser.  
(a) forward() (b) replace() (c) back() (d) none of these
- 10 \_\_\_\_\_ event occurs before the browser closes the document.  
(a) onunload (b) onblur (c) onfocus (d) onload

**Q.2 Fill in the blanks and True/False.**

**[08]**

- 1 The main use of Client-side scripts is data validation (True / False)
- 2 \_\_\_\_\_ attribute of <SCRIPT> tag is used to specify the language of script.
- 3 < is not Comparison operator. (True / False)
- 4 NaN means \_\_\_\_\_.
- 5 The math object allows you to perform mathematical tasks. (True / False)
- 6 The \_\_\_\_\_ method returns the year for the specified date, according to local time.
- 7 Navigatorobject contains the history of pages visited by the user. (True / False)
- 8 The topmost object in the DOM is \_\_\_\_\_.

C.P. T. O.)

**Q.3 Explain following in brief. (Attempt any Ten)**

**[20]**

- 1 What is Server-side Scripting?
- 2 List languages used in Client-side scripting and Server-side scripting.
- 3 Write a note on <script> tag.
- 4 Write down the rules for defining variable.
- 5 Write a note on Increment operator.
- 6 Explain the alert() function.
- 7 Explain the GETMONTH() method of Date object with its example.
- 8 Explain the CEIL() method of Math object with its syntax and example.
- 9 Explain the ROUND() method of Math object with its syntax and example.
- 10 Explain the links collection in short.
- 11 Explain the href property of Location object in short.
- 12 Explain "onclick" event with an example.

**Q.4 Explain the following in detail. (Attempt any Four)**

**[32]**

- 1 Write a note on Scripting. Differentiate between Server-side and Client-side scripting.
- 2 Discuss advantages of JavaScript in brief.
- 3 Explain Logical operator.
- 4 Write a note on Built-in functions. Explain any four.
- 5 Write a note on User-defined functions. Explain the concept of No Parameter passing and No return value with an example.
- 6 Explain any four methods of String object with its syntax and example.
- 7 Draw and explain the structure of DOM Hierarchy in detail.
- 8 Explain the RADIO BUTTON control with its property in short.

