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[A·71]

SARDAR PATEL UNIVERSITY
BCA (CBCS) 2nd Semester
Saturday, Date: 2nd April, 2016
Session: Evening   Time : 02:30 P.M. to 5:30 P.M.
Course Code: US02CBCA04
Course Title : Web Application Development   Total Marks: 70

Q1.   **Multiple Choice Questions**   **[10]**

1.   DHTML means the combination of _____ .

    A. HTML,CSS   C.   HTML,Javascript
    B. HTML,DOM,CSS   D.   HTML, Javascript, DOM, CSS

2.   _____ scripts are executed by browser.

    A.   Client-side   C.   Server-side
    B.   HTML   D.   CSS

3.   Pages created not containing Scripts and CSS are called _____ .

    A.   Dynamic pages   C.   DHTML
    B.   Static pages   D.   Stylesheet

4.   To include a file path in CSS, _____ must be used.

    A.   <img>   C.   src
    B.   href   D.   url()

5.   _____ is used to give the italic or oblique effect to text.

    A.   font-style   C.   font-size
    B.   font-family   D.   font-weight

6.   _____ statement allows to exit from loop prematurely.

    A.   switch   C.   continue
    B.   case   D.   break

7.   Which function is used to declare a variable as an Array?

    A.   ArrStr()   C.   Arrvar()
    B.   Array()   D.   None of these

8.   Length property of String object returns _____ .

    A.   No. of characters in the string   C.   No. of characters in the string.
       +1
    B.   No. of characters in the string -   D.   None of these
       -1

9.   _____ property returns the number of images present in the web page.

    A.   href   C.   size
    B.   img   D.   length

10.   To access the label on the Button control, _____ is used.

    A.   text   C.   value
    B.   name   D.   length

Q2. **Answer the following short questions (Attempt any TEN)** [20]

1. What is Scripting?
2. List the components of DHTML.
3. List two languages used in Client-side scripting and Server-side scripting.
4. Explain the font-family CSS property taking an example.
5. In what ways can length units be specified?
6. Explain the text-align CSS property taking an example.
7. Explain New operator in brief.
8. Explain Assignment operator with an example.
9. List out primitive data types and Native objects.
10. Explain alert() with an example.
11. Explain the checked property of the radio button control.
12. Explain HISTORY object in brief.

Q3. a. Write a short note on Uses of DHTML. [05]
b. Write a note on Client-side scripting stating the advantages and disadvantages of it. [05]

OR

Q3. a. Write a short note on Components of DHTML. [05]
b. Write a note on Server-side scripting stating the advantages and [05] disadvantages of it.

Q4.a. Explain Applications and advantages of JavaScript. [05]
b. Write a note on Text properties and Font properties in CSS. [05]

OR

Q4.a. How can a Style sheet be applied to only a few instances of a tag? Explain [05] the ID and CLASS selectors with example.
b. Write a note on Background and Margin properties in CSS. [05]

Q5.a. Write a note on switch statement. [05]
b. Write a note on Math object. [05]

OR

Q5.a. Write a note on for looping statement. [05]
b. Write a note on creating, assigning, initializing Arrays. [05]

Q6. Draw and discuss the structure of DOM. Also explain DOM Hierarchy. [10]

OR

Q6. What is an event ? What are the different events? Explain any 5 (five) [10] events with an example.

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