

(54) Seat No.: \_\_\_\_\_

No. of Pages: 02

**SARDAR PATEL UNIVERSITY**  
**F. Y. BCA (Semester – II) (CBCS) (Reg. & NC) EXAMINATION**  
**DATE: 22/10/2016, Saturday**  
**TIME: 2:00p.m to 5:00p.m**  
**US02CBCA04: WEB APPLICATION DEVELOPMENT**

Total Marks: 70

- Note:**
1. All the questions are compulsory.
  2. Figures to the right indicate marks.
  3. Start a new question from a new page.

**Q.1 Choose the correct answer:**

[10]

1. \_\_\_\_\_ scripts are executed by the Browser.  
a. Client-side      b. Server-side      c. HTML      d. CSS
2. To connect an external Style Sheet with HTML file, \_\_\_\_\_ must be used.  
a. <script>      b. <style>      c. <link>      d. style attribute
3. 100 to 900 are the values of \_\_\_\_\_ property.  
a. font-family      b. font-size      c. font-style      d. font-weight
4. dotted, solid, groove are the values of \_\_\_\_\_ property.  
a. font-size      b. border-width      c. border-style      d. font-style
5. static, fixed, absolute, relative are the values of \_\_\_\_\_ property.  
a. Position      b. text-align      c. border-style      d. text-decoration
6. NaN means \_\_\_\_\_.  
a. Not allowed Number      b. Non allowed Number  
c. Not asked Number      d. Not a Number
7. Which of the following is a valid variable name?  
a. var      b. 123abc      c. scripting      d. abc+123
8. The topmost object in the DOM is \_\_\_\_\_.  
a. History      b. Navigator      c. Document      d. Window
9. To access the label on the Button control, \_\_\_\_\_ property is used.  
a. src      b. label      c. value      d. name
10. go() belongs to \_\_\_\_\_ object  
a. History      b. Navigator      c. Document      d. Window

**Q.2 Attempt (any Ten) of the following:**

[20]

1. List the components of DHTML and give a one line explanation for each.
2. List two languages used in Client-side scripting and Server-side scripting.
3. Explain the syntax of writing a style rule with an example.
4. Explain the background-image CSS property taking an example.
5. Explain the z-index CSS property taking an example.
6. Explain the color CSS property taking an example.
7. Write down the rules for defining variable in Javascript.
8. Explain the Alert dialog box with example.
9. Explain the length property of String object.
10. Draw the DOM hierarchy.
11. Explain "onmouseover" event with an example.
12. What is an event? List different events available.

(P.T.O.)

- Q.3  
a. Write a short note on Uses of DHTML. [10]  
OR
- Q.3  
a. In what ways can color values be specified? Explain each format with an example. [05]  
b. Explain the advantages and disadvantages of Client-side scripting. [05]
- Q.4  
a. What is Javascript? Write a note on Applications of JavaScript. [05]  
b. Write a note on Class and ID selectors in CSS with example. [05]  
OR
- Q.4  
a. Write a note on any two Font properties in CSS with example. [05]  
b. Write a note on any two Text properties in CSS with example. [05]
- Q.5  
a. Write a note on Arithmetic operators with examples. [05]  
b. Write a note on if-else decision-making statement with example. [05]  
OR
- Q.5  
a. Write a note on any 5 Math object methods with syntax and example for each. [05]  
b. Write a note on any 5 Date object methods with syntax and example for each. [05]
- Q.6  
a. Write a note on working with TEXT control in Javascript. [05]  
b. Explain Window object in detail. [05]  
OR
- Q.6  
a. Write a note on working with RADIO control in Javascript. [05]  
b. Explain the forms array in detail [05]

\*\*\*\*\*ALL THE BEST\*\*\*\*\*

— X —  
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