

[39/A-8]

SEAT No. _____

No. of Pages: 02

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SARDAR PATEL UNIVERSITY
F. Y. BCA (Semester – II) (CBCS) EXAMINATION
DATE: 01/04/2019, Monday TIME: 10:00a.m to 1:00p.m
US02CBCA04: WEB APPLICATION DEVELOPMENT [NC]

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. You need a _____ to execute a server-side script.
a. Browser b. Client c. Server d. Web Server
2. The main use of Client-side scripts is _____.
a. Data input in form b. Data validation
c. Display messages d. Generate HTML pages
3. To have an inline style sheet in HTML file, _____ must be used
a. <script> b. <style> c. <link> d. style attribute
4. _____ is used to give bold effect to text
a. font-family b. font-size c. font-style d. font-weight
5. A layered effect is only possible if _____ property is used
a. z-index b. visibility c. position d. <div>
6. How many operands are required for operator ++?
a. One b. Two c. Three d. Four
7. Which operator is used to concatenate two strings?
a. + b. ++ c. += d. None of these
8. Which one of the following is not Comparison operator?
a. == b. != c. < d. +=
9. _____ statement allows the loop to exit prematurely.
a. break b. continue c. switch d. } (closing bracket)
10. To access each item in the dropdown list, _____ is used
a. text b. value c. options[] d. selectedIndex

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

[20]

1. What is Scripting?
2. List two languages used in Client-side scripting and Server-side scripting.
3. List 5 uses of DHTML
4. Explain the text-align CSS property taking an example.
5. Explain the background-repeat CSS property taking an example.
6. Explain the font-size CSS property taking an example.
7. Explain immediate-if.
8. Write a note on new operator.
9. Explain toUpperCase() and toLowerCase() methods.
10. Draw the DOM hierarchy.
11. Explain the all collection in short.
12. What is an event? List different events available.

(P.T-09)

- Q.3 [05]
a. Write a short note on Components of DHTML. [05]
b. What are Client-side scripts? Explain the advantages of Client-side scripting. [05]
OR
- Q.3 [05]
a. List and explain the uses of DHTML. [05]
b. What are Server-side scripts? Explain the advantages of Server-side scripting. [05]
- Q.4 [10]
a. Write a note on FONT properties in CSS with example. [10]
OR
- Q.4 [10]
a. Write a note on TEXT properties in CSS with example. [10]
- Q.5 [05]
a. Explain the Increment & Decrement operators with examples. [05]
b. Write a note on any 2 Date Object methods with syntax and example for each. [05]
OR
- Q.5 [05]
a. What are Variables? Give the rules and syntax of declaring variables. [05]
b. Write a note on any 2 Math object Get methods with syntax and example for each. [05]
- Q.6 [05]
a. Explain History object in detail. [05]
b. Write a note on working with RADIO control in Javascript [05]
OR
- Q.6 [05]
a. Write a note on working with CHECKBOX control in Javascript [05]
b. Explain Location object in detail. [05]

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