Printed Pages:02 **Sub Code:KCS052**

Paper Id: 231657 **Roll No.** | | | | | | | | | | | | |

B.Tech.(SEMV)
THEORY EXAMINATION 2022-23
WEB DESIGNING

Time: 3 Hours ***Total Marks: 100***

Note: Attempt all Sections. If you require any missing data, then choose suitably.

SECTION A

1. Attempt *all* questions in brief. **2x10 = 20**

(a) Discuss why HTML is not a programming language.
(b) Explain Responsive Web Designing.
(c) Explain attributes of Table tag in HTML.
(d) Discuss purpose of 'Marquee'Tag in HTML
(e) Explain different types of selectors in CSS.
(f) Discuss advantages of CSS.
(g) List out the various dialog boxes/popup boxes in Java Script..
(h) Describe the use of **typeof** operator in JavaScript.
(i) Define Control Panel and name most used panels.
(j) Define Name Server.

SECTION B

2. Attempt any *three* of the following: **10x3 = 30**

(a) Define web page. Discuss different types of websites with examples.
(b) Discuss any 7 HTML tags and at least 2 tags have no closing tags. Use list tags to design followings:
Fruits:
(i) Mango
(ii) Apple
(iii) Banana

(c) Illustrate Box model in CSS with block diagram.
(d) Design a HTML form with name, address, pincode and password. Outline a JavaScript code that can validate on following constraints:
a. No fields must be left blank
b. Pincode must be numeric and contain 6 digits
c. Password field
(i) At least contains 1 Capital letter.
(ii) Minimum length 8 characters.
(e) Illustrate Web Hosting and different type of Hosting packages

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SECTION C

3. Attempt any *one* part of the following: 10x1 = 10

(a) Explain in detail about Web Standards and W3C recommendations.

(b) Explain the various protocol governing web projects. Give reason why early planning is useful to develop an effective website?

4. Attempt any *one* part of the following: 10 x1 = 10

(a) Discuss a frame and its advantages.Design HTML document that divides the browser screen into two frames. The frame on the left will be a menu consisting of hyperlinks. Clicking on any one of these links will lead to a new page open in the target frame on right hand side.

(b) Design a student Registration form in HTML assuming suitable fields required.

5. Attempt any *one* part of the following: 10x1 = 10

(a) Explain the CSS and its basic properties. Outline a CSS rule that makes all the text 2.5 times larger than the base font of the system.

(b) Explain cascading and the style precedence rules when using multiple approaches.

6. Attempt any *one* part of the following: 10x1 = 10

(a) Explain the various event handlers in JavaScript with an example of each. Create a JavaScript program to make arithmetic calculator.

(b) Discuss function in Java Script. Outline a JS function that takes 4 variables, a, b, c, d, and prints true in an alert box if input a > input b and input c > input d. Else, print false in an alert box.

7. Attempt any *one* part of the following: 10x1 = 10

(a) Illustrate the steps required in registering Domains. Also mention why Domain registering is useful?

(b) Explain the importance of SEO.Differentiate between On Page Optimization and Off Page Optimization under SEO.

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