



CBCS SCHEME

15CS71

Seventh Semester B.E. Degree Examination, June/July 2024 Web Technology and its Applications

Max. Marks: 80

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- With the help of general structure, explain HTML5 document. Discuss elements and attributes syntax with example. (08 Marks)
 - List and explain the six different new semantic structural elements in HTML5 with suitable example. (08 Marks)

OR

- What is CSS selector? List and explain any two types of CSS selectors with syntax and examples. (08 Marks)
 - Define Specificity with Working. Write the specificity Algorithm. (04 Marks)
 - Determine the specificity value for the following sample selectors :
 - body aside #left div # cart strong. price
 - div #first. error
 - #footer.twitter a : hover
 - body.example. (04 Marks)

Module-2

- With an example, explain the construction of Multicolumn Layouts. (08 Marks)
 - Write the HTML code for the following table (keep all data in center)

Artist	Title	Year
Jacques - Louis David	The Death of Marat	1793
	The Intervention of Sabine Women	1799
	Napoleon Crossing the Alps	1800

(08 Marks)

OR

- Discuss the difference between Relative and Absolute positioning. (08 Marks)
 - Explain with an example CSS frame works. (08 Marks)

Module-3

- Write a Javascript that displays text "WELCOME TO VTU BELAGAVI" with increasing font size in the interval of 100ms in blue colour, when the font size reaches 50pt it should stop. (08 Marks)
 - What are DOM Nodes? Explain essential node object properties. (08 Marks)

OR

- List and explain the concept of Javascript principle design. (08 Marks)
 - Write a PHP program to greet the user based on time. (08 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

Module-4

- 7 a. Explain \$ - GET and \$ - POST Superglobal arrays with an example. (08 Marks)
b. How to define Classes and Instantiating objects in PHP? Explain with the properties. (08 Marks)

OR

- 8 a. Write a PHP program to create a class EMP with following specifications :
DataMembers : Ename , Esalary, Eaddress.
Member function : Read (getting) and write (setting). Use the above specifications to read and print the information of two employees. (08 Marks)
b. Explain PHP Error and Exception handling with an example. (08 Marks)

Module-5

- 9 a. Explain Query strings, with an example. (08 Marks)
b. Explain Serialization and Deserialization, with an example. (08 Marks)

OR

- 10 a. What does \$() Short and Stand for in JQuery? Explain any 3 JQuery form selectors. (08 Marks)
b. Discuss on Backbone MVC Frameworks and Models. (08 Marks)
