



Seventh Semester B.E. Degree Examination, June/July 2023 Web Technology & its Applications

Time: 3 hrs.

Max. Marks: 100

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

Module-1

- 1 a. What are the three Aims of HTML5? (04 Marks)
- b. What is HTML? Explain the structure of HTML5. (06 Marks)
- c. Explain with example how different links can be created in HTML. (10 Marks)

OR

- 2 a. List and explain any three selectors in CSS. (08 Marks)
- b. Discuss the HTML5 semantic structure elements. (08 Marks)
- c. List the different text properties with a description. (04 Marks)

Module-2

- 3 a. Design a table in HTML for grades of a student in below Table Q3 (a). (08 Marks)

Table Q3(a)

Subject		John	Alice
Biology	Theory	A	A
	Practical	A+	A
Chemistry	Theory	B	C
	Practical	A	A+

- b. Write an HTML code to create following control widget in HTML form :
 - (i) Submit button
 - (ii) Search box.
 - (iii) Date and Time
 - (iv) Color pallete (08 Marks)
- c. Explain with a neat diagram how form works. (04 Marks)

OR

- 4 a. Explain possible ways of positioning elements using CSS. (08 Marks)
- b. What is responsive design? Explain Four Key components that make responsive design work. (06 Marks)
- c. Demonstrate the possible ways to construct multicolumn layout in CSS. (06 Marks)

Module-3

- 5 a. Define client side scripting? Explain advantages of client side scripting. (06 Marks)
- b. Explain DOM Tree with example. (08 Marks)
- c. With suitable diagram, explain APACHE modules in PHP. (06 Marks)

OR

- 6 a. With suitable code segment, explain two approaches for event handling in Javascript. (08 Marks)
- b. Create an HTML document consists of login form with user name and pass word fields. Validate the form data before submitting by using client side scripting. (12 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. List and explain different super global arrays. (06 Marks)
b. Explain different error handling methods, with suitable code segments. (06 Marks)
c. Explain the following with example :
(i) Shuffle
(ii) In-array
(iii) Array-work.
(iv) Print-r (08 Marks)

OR

- 8 a. Explain 3 approaches to restrict file size in file upload with suitable code. (08 Marks)
b. Explain support for inheritance in PHP with UML class diagram. (06 Marks)
c. Create an HTML document that consist option to upload file. Write PHP script to receive file and display name, type and size of file. (06 Marks)

Module-5

- 9 a. Explain different types of caching used to improve performance of web application. (08 Marks)
b. Explain creating and reading cookies with PHP script. (04 Marks)
c. Write a Javascript to process an XML. (08 Marks)

OR

- 10 a. With a neat diagram, explain SOAP web service. (08 Marks)
b. Define AJAX. Explain AJAX request by writing UML diagram. (06 Marks)
c. Explain Javascript Pseudo classes. (06 Marks)

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