



CBCS SCHEME

GF-67

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17CS71

Seventh Semester B.E. Degree Examination, Dec.2023/Jan.2024

Web Technology and Its Applications

Time: 3 hrs.

Max. Marks: 100

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

Module-1

- a. What is HTML? Explain basic structure of HTML documents. (10 Marks)
b. What are style sheets? Explain different levels of style-sheets with suitable code snippets. (10 Marks)

OR

- a. Explain <p>,
, <pre>, and <a> tags with suitable examples. (10 Marks)
b. Explain any 5 types of selectors used by CSS for styling. (10 Marks)

Module-2

- a. Construct the table given below using following table elements:
table, td, tr, th, tbody,tfoot,thead

SL. No.	USN	NAME	DEPT
1			
2			
Total No. of Rows	2	-	-

- b. Explain row-span and column span with suitable scripts. (10 Marks)
c. Explain padding and spacing in html table with scripts. (05 Marks)
(05 Marks)

OR

- a. Construct a table with caption STUDENT INFO, 3 columns: SNo, SName and Mobile No. with collapsible border and with black background, with white text to all table rows. (10 Marks)
b. With sample HTML form, explain how form works. (05 Marks)
c. Explain key components of responsive design. (05 Marks)

Module-3

- a. Bring out the features of JavaScript and also explain client-side scripting with advantages and disadvantages. (05 Marks)
b. Explain document.getElementById(), document.getElementsByTagName() with suitable example. (05 Marks)
c. Explain three ways of linking JavaScript to HTML page with code snippets. (10 Marks)

OR

- a. Explain in brief different server-side technologies. (10 Marks)
b. With a neat diagram, explain working of PHP Zend engine. (10 Marks)

Module-4

- a. Illustrate how data will flow from HTML using Php \$GET and \$POST. (10 Marks)
b. Explain types of errors in Php with error reporting flags. (10 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.

OR

- 8 a. Define array. Explain different array operations in Php with suitable examples. (10 Marks)
b. Explain different approaches to restrict file size in file upload with code snippets. (10 Marks)

Module-5

- 9 a. What is cookie? What is the purpose of it? Demonstrate cookies with Php program. (10 Marks)
b. Why caching is needed? Explain two basic strategies of caching web applications. (10 Marks)

OR

- 10 a. With a neat diagram, explain SOAP and REST web services. (10 Marks)
b. Differentiate between XML and HTML. (05 Marks)
c. Write a short note on JSON. (05 Marks)
