

CBCS SCHEME

USN

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15CS71

Seventh Semester B.E. Degree Examination, June/July 2019 Web Technology and its Applications

Time: 3 hrs.

Max. Marks: 80

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

Module-1

- 1 a. What are the three aims of HTML5 and expand the following : HTML, XML, DOCTYPE, PHP, WHATWG. (08 Marks)
b. List out the three types of lists and explain them with an example. (08 Marks)

OR

- 2 a. Define CSS and list out its benefits with explanation. (08 Marks)
b. What are selectors? List and explain selectors with an example. (08 Marks)

Module-2

- 3 a. Apply the following table elements to display the following table:
Table elements : table, td, tr, th, tbody,tfoot,thead

| SLNO | USN | Name | Dept |
|-------------------|-----|------|------|
| 1 | | | |
| 2 | | | |
| Total No. of rows | 2 | - | - |

- b. Explain with a neat diagram how form works? Discuss about query string and micro formats. (08 Marks)

OR

- 4 a. Identify the approaches to CSS layouts and explain them in detail. (08 Marks)
b. What is responsive design? Why its important? Explain in detail. (08 Marks)

Module-3

- 5 a. What is JavaScript and listener? Discuss the advantages and disadvantages of client side scripting. (08 Marks)
b. What are s/w layers? What benefits do they provide? Explain in detail. (08 Marks)

OR

- 6 a. Compare the Server-Side Technologies in detail. (08 Marks)
b. Write a PHP program to demonstrate the session. Program: Store page view count on refresh. (08 Marks)

Module-4

- 7 a. What are super global arrays? List and explain. (08 Marks)
b. Define constructor and discuss the concepts of inheritance, polymorphism and object interface with respect to OOP. (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.

OR

- 8 a. Explain with an example, the two basic techniques for read/write files in PHP. (08 Marks)
b. Write the PHP code to validate phone number. (08 Marks)

Module-5

- 9 a. What are cookies? What is the purpose of it? Demonstrate cookies with PHP program. (08 Marks)
b. Discuss jQuery selectors in detail. (08 Marks)

OR

- 10 a. Discuss the following : (08 Marks)
(i) Session cookies (ii) Persistent cookies (iii) Session state
b. With a neat diagram explain SOAP and RESET web services. (08 Marks)
