

# CBCS SCHEME

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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, thread

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)

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)

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