CBCS SCHEME

USN [| | | | | | | | |]

Seventh Semester B.E. Degree Examination, Aug./Sept.2020
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.	With example explain HTML syntax.	(04 Marks)
	b.	Discuss the structure of HTML documents.	(06 Marks)
	c.	Explain any six html elements.	(06 Marks)

OR

2	a.	What is CSS? Explain the benefits of CSS.	(06 Marks)
	b.	With example explain the location of styles.	(06 Marks)
	c.	Explain any two selectors with respect to CSS.	(04 Marks)

Module-2

3	a.	Discuss <table> element along with spanning rows and columns.	(08 Marks)
	b.	Explain the following concerned with forms:	
		i) Form structure	
		ii) Form control elements.	(08 Marks)

OR

4	a.	Explain the different ways of positioning elements in CSS layout technique.	(08 Marks)
	b.	Discuss fixed layout and liquid layout with example for each.	(08 Marks)

Module-3

5	a.	Bring out the features of java script and also explain client-side scripting.	(04 Marks)
	b.	Explain the following concerned with java script:	
		i) Comparison operator	
		ii) Logical operators	
		iii) While loops.	(06 Marks)
	c.	Discuss arrays of java script.	(06 Marks)

OR

6	a.	With example PHP tags, PHP comments, data types and constants.	(04 Marks)
	b.	By giving syntax and example, explain if….else in PHP.	(06 Marks)
	c.	Explain functions in PHP.	(06 Marks)

Module-4

7	a.	Explain $_GET and $_POST hyperglobal arrays.	(08 Marks)
	b.	With syntax and example, explain PHP classes and objects.	(08 Marks)

OR

8 a. Explain the following with respect to PHP:
        i)   Data encapsulation
        ii)   Inheritance
        iii) Polymorphism. **(09 Marks)**
   b. Discuss errors and exceptions of PHP. **(05 Marks)**

Module-5

9 a. What in a cookie? Explain. **(04 Marks)**
   b. Explain the following:
        i)   Serialization
        ii)   Session state. **(06 Marks)**
   c. Explain different types of caching used to improve performance of web applications. **(06 Marks)**

OR

10 a. Explain javascript pseudo-classes with examples. **(08 Marks)**
   b. What is AJAX? Explain AJAX request by writing UML diagram. **(08 Marks)**

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