CBCS SCHEME

USN | | | | | | | | | | |

15CS71

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)**

* * * * *