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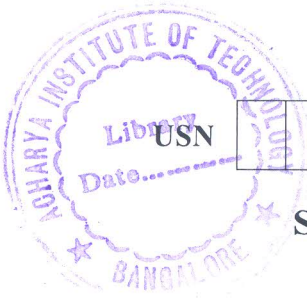
15CS71

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)

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