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Seventh Semester B.E. Degree Examination, Dec.2018/Jan.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. Briefly explain the history of markup languages. (04 Marks)
- b. Write a note on XHTML and HTML5. (04 Marks)
- c. Explain : i) <a> ii) iii) <p> iv) <div> elements with examples. (08 Marks)

OR

- 2 a. With an example explain different levels of style sheets. (08 Marks)
- b. List the different selectors available in CSS and explain in detail (08 Marks)

Module-2

- 3 a. Explain different form widgets created with the <input> tag. (08 Marks)
- b. Write HTML code for the following table :

| Time Day | | 9.00 am to 1.15 pm | 2.00 pm to 5.00 pm |
|-------------|-----|---------------------------|----------------------------------|
| Mon to Fri | Sub | Theory class | ML/WTALab |
| | FI | ABC/EFG/XYZ | AD block, 1 st *floor |
| Sat | Sub | Extra curricular activity | |
| | FI | | |

(08 Marks)

OR

- 4 a. Discuss the difference between relative and absolute positioning. (08 Marks)
- b. What does floating an element do in CSS? How do you float an element? (08 Marks)

Module-3

- 5 a. Discuss the advantages and disadvantages of client – side scripting. (08 Marks)
- b. Write a JavaScript code that displays text “VTU BELAGAVI” with increasing font size in the interval of 100 ms in blue color, when the font size reaches 50 pt it should stop. (08 Marks)

OR

- 6 a. With a neat diagram, explain client and server script execution. (08 Marks)
- b. Write a PHP program to greet the user based on time. (08 Marks)

Module-4

- 7 a. Explain \$_GET and \$_POST superglobal arrays. (08 Marks)
 b. How do you read or write a file on the server from PHP? Give example. (08 Marks)

OR

- 8 a. Write a PHP program to create a class STUDENT with the following specification.
 Data members : Name, Roll number, Average marks
 Member function : Read(getters) and write (setters)
 Use the above specification to read and print the information of 2 students. (08 Marks)
 b. How do you achieve data encapsulation in PHP? Give example. (08 Marks)

Module-5

- 9 a. What are HTTP cookies? How do you handle them in PHP? (08 Marks)
 b. Why is state is a problem for web applications? Explain. (08 Marks)

OR

- 10 a. What does \$() short and stand for in JQuery? Explain any 3 JQuery form selectors. (08 Marks)

b. Write DTD for the following XML code.
 <?XML version = "1.0" encoding = "ISO – 8859 – 1"?>
 <art>
 <painting id = "290">
 <title> Balcony </title>
 <artist>
 <name> Manet</name>
 <nationality> France</nationality>
 </artist>
 <year> 1868 </year>
 <medium> oil on canvas </medium>
 </painting>
 </art>

(08 Marks)

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