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10CS73

Seventh Semester B.E. Degree Examination, May 2017 Programming the Web

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions, selecting atleast TWO questions from each part.

PART – A

- 1
 - a. Describe fully qualified domain name with a neat diagram. (05 Marks)
 - b. Explain in detail the request phase of HTTP. (05 Marks)
 - c. Explain the following tags with its syntax and examples (any three) :
<pre>, , <sub>, <a>. (05 Marks)
 - d. List out the difference between HTML and XHTML. (05 Marks)

- 2
 - a. Create XHTML document to describe the following table. And fill the related data in the cells provided for it. (keep all data in centre). (10 Marks)

| | PINE | MAPLE | OAK | FIR |
|----------------|------|-------|-----|-----|
| Average height | | | | |
| Average width | | | | |
| Life span | | | | |
| Leaf type | | | | |

- b. Write short notes on any TWO : (10 Marks)
 - i) Style sheets
 - ii) Selector forms
 - iii) and <div> tags.

- 3
 - a. Describe briefly the three major uses of JavaScripts on the client side. (06 Marks)
 - b. Write the JavaScript and XHTML program for the following programs. Display proper output using Alert method.
 - i) Input is on integer number and output is a factorial of that number
 - ii) Input is an integer number and output is cube of a given number. (06 Marks)
 - c. Write a program in JavaScript and XHTML for determining the following. Display the proper output messages using Alert method.
 - i) Input USN format is (DAADDAADDD)
 - ii) Check for : i) Empty string ii) Correct formal iii) Incorrect format. (08 Marks)

- 4
 - a. Write a XHTML a JavaScript programs for determining the two given passwords are correct or not. Display the proper message when a submit button pressed and clear the passwords on press of cancel button. (07 Marks)
 - b. Explain the load and unload events using navigator object. (04 Marks)
 - c. Explain the following with an example any three : (09 Marks)
 - i) Absolute positioning
 - ii) element visibility
 - iii) dynamic content
 - iv) stacking of elements.

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.



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PART – B

- 5 a. What is DTDI? What are the main advantages of XML schema over DTD? (06 Marks)
b. Write a note on :
i) Internal and external DTD's
ii) XML namespaces (09 Marks)
iii) XML processors. (05 Marks)
c. With a neat diagram, explain the XSLT processing.
- 6 a. What are the three ways the PERL arrays differ from the way of other common higher language programs? Give the example for each. (06 Marks)
b. Expand PERL. And write a program for displaying various server information like, servename, serversoftware, server port, CGI version. (05 Marks)
c. Write a PERL program to keep track of the number of visitors visiting eh web page. Display the visitors count in proper heading. (05 Marks)
d. Write a note on CGI-PM module. (04 Marks)
- 7 a. What is Cooki? How it can be created in PHP script. (06 Marks)
c. Write a note on arrays in PHP. (05 Marks)
c. What is session tracking? Write a PHP script for justify the session tracking. (06 Marks)
d. Expand PHP. List out two uses of PHP. (03 Marks)
- 8 Write short notes on any four :
i) Ruby ii) Layouts in rails iii) The box model
iv) MIME type specification v) Query string format in PERL. (20 Marks)
