

CRASH COURSE

USN

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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 at least 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 :
i) Style sheets ii) Selector forms iii) and <div> tags. (10 Marks)
- 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 format 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 :
i) Absolute positioning ii) element visibility
iii) dynamic content iv) stacking of elements. (09 Marks)

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
iii) XML processors. (09 Marks)
c. With a neat diagram, explain the XSLT processing. (05 Marks)
- 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, servername, 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 heeding. (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)

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