USN ☐☐☐☐☐☐☐☐☐☐   **06CS73**

Seventh Semester B.E. Degree Examination, December 2012
Programming the Web

Time: 3 hrs.   Max. Marks:100

Note: *Answer FIVE full questions, selecting*
at least TWO questions from each part.

PART – A

1 a. What is hyper text? Explain HTTP phases. Mention various methods and status codes of HTTP. **(10 Marks)**
   b. Give the standard structure of XHTML document. How line breaks, headings and fonts are handled in XHTML? **(10 Marks)**

2 a. How lists are handled in XHTML? Design an XHTML code for illustrating nested lists. **(10 Marks)**
   b. Design an XHTML code for constructing a sample class timetable to illustrate table handling. **(10 Marks)**

3 a. What are the different levels of style sheets? Give an example code for each. **(08 Marks)**
   b. What are the different selector forms provided in CSS? Illustrate the use of each with suitable example. **(12 Marks)**

4 a. What are uses of Java Script? Are OOP concepts incorporated in Java Script? How objects are handled in it? **(08 Marks)**
   b. Which are the methods used for accepting inputs from the keyboard and for displaying results on the screen? Write a Java Script for accepting the user name and display it on the browser window. **(12 Marks)**

PART – B

5 a. What is an event? List the most commonly used events and their tag attributes. **(10 Marks)**
   b. Briefly discuss the event handling from body elements and button elements in Java Script. **(10 Marks)**

6 a. How positioning and moving of elements are done in dynamic XHTML? **(08 Marks)**
   b. How stacking of elements done in Java Script/XHTML? Write a program to illustrate dynamic stacking of images. **(08 Marks)**
   c. What are the standard values for visibility property? How are they used in dynamic XHTML? **(04 Marks)**

7 a. What is a namespace? What is its use in XML? **(04 Marks)**
   b. How elements and attributes are declared in a DTD? Give a sample DTD for defining on airplane. **(10 Marks)**
   c. Explain the transformation process by an XSLT processor with a flow diagram. **(06 Marks)**

8 a. What are the three categories of Perl variables How are they handled? Give examples. **(09 Marks)**
   b. How files are handled in Perl? List File Use Specifications and their meaning. **(05 Marks)**
   c. What is a query string? How is it transmitted to the server with the GET and POST methods? **(06 Marks)**

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