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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 IITTP. (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)

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