1058

B.E. (Computer Science and Engineering)
Sixth Semester
CSE-611: Web Technologies

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt _five_ questions in all, including Question No. I which is compulsory and selecting two questions from each Unit.

x-x-x

I. Attempt the following:-

  a) What is the purpose of<head> tag in HTML?

  b) What do you understand by JavaScript HTML DOM? Discuss in brief.

  c) Differentiate between valid XML document and well-formed XML document.

  d) What is JVM? Is JVM a compiler or an interpreter?

  e) How == operator is different from === operator in PHP?   (5x2)

UNIT – I

II. a) What are the functions of a Web Server and a Web Browser? Give two examples each of web server software and web browser software.

  b) Write HTML code to display the following table:

Roll No	Student Name	Projects
1	Rahul	Banking Management System
		Hospital Management System
2	Rajesh	Library Management System

(5,5)

III. a) Discuss the syntax to define a function in Javascript. Then write a Javascript function to check whether a string is palindrome.

  b) Demonstrate the use of External Style Sheets with the help of a suitable example.

(5,5)

IV. a) List different types of Internet Connections and compare any two with respect to technology and cost.

  b) Demonstrate the use of Alert Box and Confirm Box in Javascript with the help of a suitable example.

(5,5)

V. a) Give the syntax to create a class in Java.

b) Differentiate between XML elements and XML attributes.

c) What is the use of try and catch keywords in Java? Discuss.   (3,3,4)

VI. a) How connection to a database can be established in PHP? Discuss with the help of an example.

b) Write suitable code in Java to demonstrate Multilevel inheritance.   (5,5)

VII. Write notes on the following:
a) AJAX
b) XML DTD

(5,5)

x-x-x