Roll No. ....

IT–604(N)

B. E. (Sixth Semester) EXAMINATION, June, 2010

(New Scheme)

(Information Technology Engg. Branch)

WEB TECHNOLOGY

[IT – 602(N)]

Time : Three Hours

Maximum Marks : 100

Miximum Pass Marks : 35

Note : Attempt all questions. All questions carry equal marks.

Unit – I

1. (a) Give the proper definition of the following :

3 each

    (i) Query String

    (ii) Cookies

    (iii) Common Gateway Interface (CGI)

    (iv) Uniform Resource Identifier (URI)

  (b) Discuss the caching technique in web browser. 8

Or

2. (a) Explain three tier web architecture with suitable diagram. 12

(b) Write the role of the following major components of web browser :

2 each

  (i)   HTML interpreter

  (ii) Optional interpreter

  (iii) HTTP client

  (iv) Optional client

Unit – II

3. (a) (i) In CSS what are the five possible values for "position", and what is the default ?   12

  (ii) What is the difference between cell padding and cell spacing ?

  (iii) In CSS what is the difference between display : none and visibility : hidden ?

(b) Write a HTML code to create the following frames. What is a frameset ?   8

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Menu
  • About us
  • Scheme
  • Results
	Welcome

Or

4. (a) Write HTML Tag to perform the following task.   12

  (i)   Display a picture as a background on your web pages.

  (ii) How do you add scrolling text to your page ?

  (iii) How do you make clickable image link ?

  (iv) How do you make it so that someone can mail you by just clicking on text ?

(b) In CSS, how can   make a form elements background color change when the user is entering text ? Will this work in all browsers ?   4

(c) How can you target an element in your HTML using the DOM ?   4

Unit – III

5. (a) Write Java script that inputs three integers from the user and displays the sum, average, product, smallest and largest of these numbers in an alert dialog.   12

(b) Explain the following related to Java Script :   8

(i)   Confirm method of windows object

(ii) The new operator

Or

6. (a) Write a function in Java script which display digital clock when HTML page is loaded.   12

(b) How to use email validation in Java script. Like user can't enter invalid email address ? Write JavaScript code.   8

Unit – IV

7. (a) When a client Java application communicates to a Java server using RMI, a stub is created. Explain which part of the application creates the stub, where the stub resides, and how it is used.   12

(b) What are the differences between a web directory like Yahoo and a web search engine like Google.   8

Or

8. (a) Explain the concept of CORBA.   10

(b) Why is HTTP known as stateless protocol ? Describe any *three* HTTP commands.   5

(c) Explain the symptom of overloaded web server.   5

Unit — V

9. (a) Explain the following related to JSP : 16

     (i)   Import attribute

     (ii) Page directive

     (iii) javax.servlet.ServletRequest

     (iv) javax.servlet.http.HttpSession

  (b) Write in brief on ODBC. 4

Or

10. (a) Write a sample HTML form and write a JSP program for receiving HTML form data. 10

  (b) What is Java Beans ? Give its advantages. What are the various steps which are needed to create a new Bean ? 10