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Total number of printed pages – 2

B. Tech
PCIT 4301

Sixth Semester Examination – 2013
INTERNET AND WEB TECHNOLOGY

BRANCH : IT

QUESTION CODE : A 155

Full Marks – 70

Time : 3 Hours

*Answer Question No. 1 which is compulsory and any **five** from the rest.*

The figures in the right-hand margin indicate marks.

1. Answer the following questions : 2×10
 - (a) Name at least two hardware and software for web server.
 - (b) What is I-way ? Explain its requirement in the presence in the Internet.
 - (c) What is <ins> and tag in HTML ? Explain using an example.
 - (d) What does the hidden value of the type attribute in input suggests ? Explain using an example.
 - (e) Give at least four methods in javascript that can be used with the string object.
 - (f) What is meaning of padding ? Explain it using an example.
 - (g) Write an inline style to make the color of a paragraph red. Write an HTML code for this purpose.
 - (h) Give some examples of HTML DOM.
 - (i) What is the difference between GET and POST method ?
 - (j) Give an example of a floating point number. What type of datatypes that a floating point number can have ?
2.
 - (a) Define Internet. How does the Internet works? Discuss the working of the protocols in Internet. 5
 - (b) Suppose you are developing the website of your college. State how to host the site. Also, what type of server you should use for this purpose ? 5

P.T.O.

3. (a) What is the use of cellspacing and cellpadding in a table ? Explain using example. 4
- (b) Use a list of links in one frame. On clicking each link the colour of the other frame changes. 6
4. (a) Write a program in Javascript that accepts the various marks from BPUT students and displays their grades. 5
- (b) Write a program in javascript to print the various days in a week using a do while statement. 5
5. (a) Write a program in HTML that creates a class S under CSS when used changes the colour to green and keeps 20 pixels as left margin. 5
- (b) Give an example that displays information about a college, changes the colour to Red once you take the mouse over the name of the college. However, when you takes the mouse away from the name, its colour becomes Green. Also, set the background colour as Yellow. 5
6. (a) What is the form processing procedure in CGI ? How to associate a form with the script ? 5
- (b) Enter the length and breadth of a rectangle that caluculates the area of the rectangle on clicking a button and displays it. Use CGI/Perl for this purpose. 5
7. (a) Use JOptionPane to accept the name of a person in a dialog box and on clicking OK in the dialog box, the person name is displayed along with Hello. 5
- (b) Describe the applet life cycle and explain it using an example. 5
8. Write any two of the following : 5×2
- (a) Nested Lists
- (b) Pop up boxes in Javascript
- (c) Debugging Perl CGI script
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