Registration No. :

Total number of printed pages – 2

B. Tech

PCIT 4301 (New)

Sixth Semester (Back) Examination – 2013

INTERNET AND WEB TECHNOLOGY

BRANCH : FASHION,MECH

QUESTION CODE : B276

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 any two web servers.

    (b)   What is UDP ? How is it different from TCP/IP ?

    (c)   Write the basic HTML tag for creating a table.

    (d)   Mention the importance of pre and br elements of HTML.

    (e)   Write the different control statements used in Java script.

    (f)   What class selector ?

    (g)   Outline the important characteristics of CSS.

    (h)   List the important features of CGI. What are its demerits ?

    (i)   Define and write the syntax of an applet.

    (j)   Write the usefulness and format of parameter tags used in an applet.

2. (a)   Design a form using HTML that displays the records of five students in a tabular
          format.   5

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	(b)	Outline the important characteristics of Java scripts. What are its merits for web programming ?	5
3.	(a)	Define a constructor. Show the use of a constructor in a program written in Java script.	5
	(b)	Explain the use of different built-in objects of Java scripts.	5
4.	(a)	Explain the different types of normal flow box layout use in CSS.	5
	(b)	Compare HTML, DHTM and XML. Which one is more suitable for web applications ?	5
5.	(a)	Name any five CGI environment variables with their value.	5
	(b)	Explain the processing of forms in CGI.	5
6.	(a)	Explain the life cycle of an applet. Differentiate between init() and start() method.	5
	(b)	Explain stepwise how to write a Java applet to draw a cube.	5
7.	(a)	Explain how exceptions are handled in Java scripts.	5
	(b)	Write a Java program to illustrate the use of package.	5
8.		Answer any **two** from the following :	5 × 2
	(a)	HTML DOM	
	(b)	External style sheets vs. internal style sheets	
	(c)	DHTML form.	