Registration No. :

Total number of printed pages – 2

B. Tech

PCIT 4301

Sixth Semester Regular Examination – 2014

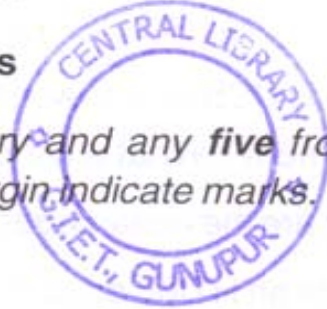## INTERNET AND WEB TECHNOLOGY

BRANCH : CSE, MECH

QUESTION CODE : F 288

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)   What is HTML ? How to check the correctness of the HTML program ?

    (b)   How to insert an image in a web page by using HTML ?

    (c)   List the basic paradigms of java programming.

    (d)   What is the use of MAC address in connecting a computer to internet ?

    (e) . What is the significance of Span tag ?

    (f)   Differentiate between INTERNET and INTRANET.

    (g)   What is the difference between JAVA and JAVASCRIPT ?

    (h)   Define and differentiate between static and dynamic HTML.

    (i)   List the role of cookies in internet application.

    (j)   Which protocol provides connectionless packet delivery service ?

2. (a)   How can JAVASCRIPT make a website easier to use ? That is, are there
          certain JAVASCRIPT techniques that make it easier for people to use a web
          site ? Justify your answer.   5

    (b)   What are the steps for testing and debugging the PERL CGI script ?   5

P.T.O.

3. (a) Write a program for creating a form, which display the biodata of a student. 5

   (b) Write a program to accept 5 names and print it using JAVASCRIPT. 5

4. (a) What is DOM ? What is the difference between HTML DOM and XML DOM? 5

   (b) Explain the basic of Web architecture with reference to Web server and Web Client. 5

5. (a) Write HTML code to open the link in first frame in another frame. 5

   (b) Write a program to accept a number and check whether that number is even or odd using JAVASCRIPT. 5

6. (a) What is CSS and how many ways are there to specify style information in a document ? What are the advantages of CSS ? 5

   (b) What are the advantages and disadvantages of CGI ? 5

7. (a) Create an HTML document to display the following text in the title bar of the browser,"WELCOME TO WORLD OF COMPUTING". 5

   (b) What do you mean by Life-cycle of Applet ? Explain different life-cycle in detail. 5

8. Write notes on : 5×2

   (a) Web Architecture

   (b) Java Applet.