

Registration No. :

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Total number of printed pages – 2

B. Tech
PCIT 4301

Sixth Semester Regular / Back Examination – 2015

INTERNET AND WEB TECHNOLOGY

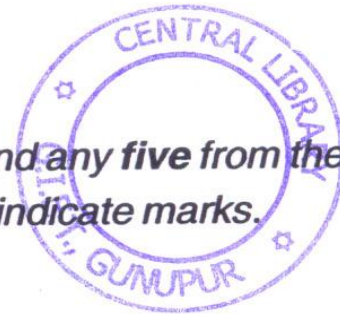
BRANCH : IT

QUESTION CODE : J 139

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) How TCP/IP protocols are used in functioning of internet ?
 - (b) Give examples of at least four web browsers.
 - (c) What is the difference between SMTP and POP ?
 - (d) How lists are handled in HTML ? Design an HTML code for illustrating nested lists.
 - (e) Give the various assignment operators and explain citing examples.
 - (f) How many types of conditional statements does java script supports ? Give examples of each of them.
 - (g) What are the different borders that can be used in CSS ? Explain.
 - (h) What is the difference between HTML DOM and XML DOM ?
 - (i) What is modifier in printf in Perl ? Explain.
 - (j) What is the difference between java application and java applet ?
2. (a) What are the difference ways of hosting a web site ? Explain. 5
- (b) Define a web site. How frames are used for designing a good interactive website ? Explain using an example. 5

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3. (a) Design a table containing name, photo and phone number of 20 employees in a company. Write headings wherever required. If an employee has more than one phone, all phones are to be mentioned using an ordered list. The table width should cover the entire browser. 5
- (b) Give an account of different event attributes of forms. Explain at least five among them with examples. 5
4. (a) Write a program in java script to enter a Name and display the name in a message prompt with the length of the name. 5
- (b) Give an account of different objects of java script. Explain at least four of them with examples. 5
5. (a) What is the difference between absolute and relative units of CSS measurement ? Give examples of margin and padding to explain these two. 5
- (b) What is the difference between div and span ? Give examples to explain these two. 5
6. (a) How a multiplication operation is done in Perl, where two inputs are entered in the form processing procedure in CGI and the output is displayed ? 5
- (b) How do you embed a java applet into HTML? Give an example to use a HelloWorld class with height 350 and width 300 into an HTML file. 5
7. (a) Describe the applet life cycle and explain it using an example. 5
- (b) Use Java Applet to accept a Name in a dialog box and on clicking OK in the dialog box, the person name is displayed along with Hello. 5
8. Write short notes on any **two** : 5×2
- (a) World wide web
- (b) Web Servers
- (c) External Style Sheet
- (d) Testing and debugging a Perl program.