

Registration No. :

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Total number of printed pages – 2

B. Tech
PCIT 4301

Sixth Semester (Special/Back) Examination – 2013

INTERNET AND WEB TECHNOLOGY

BRANCH : IT

QUESTION CODE : E 316

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

- Name and compare any two web browsers that support WWW.
- Write the main difference between relative URL and absolute URL.
- Write the basic HTML tag for creating a table.
- What is the syntax for creating a popup box in Java script ?
- State the importance of escape sequence with suitable examples.
- Outline the important characteristics of CSS.
- Name the different nodes under HTML DOM.
- Mention the syntax and usefulness of print function in Perl script.
- List the important features of CGI. What are its demerits?
- Write the usefulness and format of parameter tags used in an applet.

2. (a) Mention the different layers in an Internet protocol. Discuss the importance of each.

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- (b) Explain the use of the following HTML elements mentioning their syntax
- i. h1
 - ii. span
 - iii. strong
 - iv. tt
 - v. hr 5
3. (a) Write a Java script Program that defines and uses an object constructor. 5
 (b) Explain the use of different built-in objects of Java scripts. 5
4. (a) Explain div and span tag. 5
 (b) What is DHTML? How is it different from HTML? Mention the use of HTML DOM. 5
5. (a) Explain the different types of normal flow box layout use in CSS. 5
 (b) Explain how borders can be specified with different rule sets. 5
6. (a) Name any five CGI environment variables with their value. 5
 (b) Explain the processing of forms in CGI. 5
7. (a) Explain the life cycle of an applet. Differentiate between init() and start() method. 5
 (b) Write a Java program to illustrate the use of package. 5
8. Answer any **two** of the following : 5 × 2
- (a) Model and structure of a website
 - (b) External style sheets vs. internal style sheets
 - (c) DHTML form
 - (d) Operators in Perl.

