

Registration No. :

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Total number of printed pages – 3

B. Tech
PCIT 4301

Sixth Semester Regular Examination – 2015

INTERNET AND WEB TECHNOLOGY

BRANCH (S) : CSE, MECH

QUESTION CODE : J 446

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 HTTP ?
- (b) What are the uses of colspan and rowspan attributes?
- (c) Differentiate between paired tag and singular tag in HTML.
- (d) What is "this" in JavaScript ?
- (e) Write the html code to write numbered and bulleted list in html.
- (f) What is defined by <!doctype> in html ?
- (g) How .css file is referred in the webpage ?
- (h) What is the difference between == and === in JavaScript ?
- (i) What are the advantages and disadvantages of CGI ?
- (j) How the title and footer information are provided in a webpage ?

2. (a) What is a web browser ? Discuss the different types of web browsers available with their uses. 5

(b) Write html code to display the images on window having image links. 5


P.T.O.

3. (a) Write html code to display the following contents in a table of a webpage. 5

Roll No.	Name	DOB	City	Nationality
101	Sachin Das	09/04/1975	Cuttack	Indian
102	Saurav Panda	08/11/1985	Bhubaneswar	Indian

- (b) What is Cascading Style Sheet ? Explain various types of Style Sheets with example. 5

4. Write html code to create a form having text boxes, radio buttons, a check box and a reset button as shown below. On clicking the reset button, the entire form is to be reset. 10



Name

Father' Name

Date of Birth

Course

Mobile Number

Nationality

Male Female

Whether accomodation required

Save **Reset**

5. (a) What is CGI ? Explain with suitable example how testing and debugging Perl CGI script is done. 5
- (b) Write a JavaScript code block which checks the contents entered in a form's text element. If the text entered is in the lower case, convert to upper case. 5
6. (a) Explain the use of Date object and Boolean object in JavaScript. 5
- (b) Write a Java Script recursive function to calculate the factorial of a number. 5
7. Define Applet. Describe the life cycle of an Applet. Write a program using Applet to move a ball from top to bottom on the window. Write the HTML code to test the applet. 10
8. Write short notes on any **two** of the following : 5×2
- (a) XML DOM
- (b) Operators in Perl
- (c) Auto initialization in Java
- (d) DHTML.

