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Total number of printed pages – 2

B. Tech
PCIT 4301

Sixth Semester Back Examination – 2015

INTERNET AND WEB TECHNOLOGY

BRANCH (S) : ES 12, IT

QUESTION CODE : M 135

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

- What is the difference between www and Internet ?
- What is the difference between TCP and UDP ?
- What are the different types of lists used in HTML ? Give example of each type.
- What does the hidden value of the type attribute in input suggests ? Explain using an example.
- How to create a textbox where maximum 4 digits can be entered, but all the inputs will be seen as asterisks ?
- How to link an external style sheet to a HTML document ? Write the appropriate codes for explaining it.
- How padding is used in CSS? Give an example.
- What is the difference between HTML and DHTML ?
- What is the difference between GET and POST ?
- What is the difference between init() and destroy() ?

P.T.O.

2. What is Internet ? How does it work through ISPs and reaches the last mile ? Explain the working of TCP/IP. 10
3. Define a web site. How frames are used for designing a good website ? Explain how links on the left frame displays different web pages on the right frame. The right frame should be three times the size of the left frame. There has to be an image file on the top frame that covers the top of entire left and right frame. 10
4. (a) Design a form to enter the name & address of a person wishing to submit his information to a web site. Also, have provision to clear the data from the form in case of any mistake is there. 5
- (b) Write a program in Javascript that gives a quiz where four radio buttons are used below the question. In case the user clicks the wrong answer, a popup box is displayed mentioning "incorrect answer". 5
5. (a) Write a program in Javascript that accepts the various marks from BPUT students and displays their grades. 5
- (b) What is the difference between inline style and internal style ? Give examples to explain these two. 5
6. (a) What is the difference between HTML DOM and XML DOM ? Explain. 5
- (b) Write the name of some books, authors and publishers using XML. Use XML DOM to retrieve the name of the books one by one. 5
7. (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) Describe the applet life cycle and explain it using an example. 5
8. Write short notes any two of the following : 5×2
- (a) Web Browsers
- (b) HTML Table
- (c) Boolean object
- (d) Debugging CGI-Perl.

