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Total Number of Pages: 02

B.Tech
PCIT4301

6th Semester Regular / Back Examination 2015-16

INTERNET AND WEB TECHNOLOGY

BRANCH: CSE, MECH

Time: 3 Hours

Max Marks: 70

Q.CODE: W530

**Answer Question No.1 which is compulsory and any five from the rest.
The figures in the right hand margin indicate marks.**

Q1 Answer the following questions: **(2 x 10)**

- a) What is the role of web server in internet?
- b) Explain the difference between HTTP & FTP?
- c) What is selector and declaration in CSS?
- d) What is Alert Box in Java Script? Explain with example.
- e) Explain the following statement of XML
<? Xml version ="1.0" encoding ="UTF-8"?> and #PCDATA.
- f) What are the services provide by Internet service provider?
- g) Write at least four points which motives for internet working.
- h) What are the advantages of UDP protocol?
- i) What is scalar variable in PERL?
- j) Explain the difference between physical address and logical addresses.

Q2 a) Explain the role of web browser in internet? Describe about any two familiar web Browser. **(5)**

b) What is protocol? Explain about following protocol **(5)**
ICMP,ARP,TCP,FTP.

Q3 a) Explain the following tags in HTML.<DIV>,,<HR>,<MENU>. **(5)**

b) Write a HTML program to create form which take value like Name, Registration number as text field, Phone number as number, gender as option. **(5)**

Q4 Explain the life cycle of applet in java with a suitable program. **(10)**

Q5 a) What are the different methods available to JAVA script Array? **(5)**

b) Write a program in Java script to show current date, month and year **(5)**

Q6 a) How XML is differ from HTML? Write a program in XML to print customer name, order date and order items. (5)

b) What is CGI? Explain the advantages of CGI? (5)

Q7 a) Explain different style sheets used in CSS. (5)

b) What is the difference between HTML DOM and XML DOM ? (5)

Answer any two of the followings

Q8 (5 x 2)

a) IP Addresses.

b) Layer in Java script.

c) XML Parser.

d) JAVA vs. JAVA script.