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Total number of printed pages – 2

B. Tech
FECE 6405

Eighth Semester Regular Examination – 2015
INTERNET TECHNOLOGY AND APPLICATIONS

BRANCH (S) : EC, ETC

QUESTION CODE : J 226

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) Define internet. How it is different from world wide web ?
- (b) Give examples of at least four web browsers.
- (c) Name at least two hardware and software for web server.
- (d) What are the different types of lists used in HTML ? Give example of each type.
- (e) Give the various assignment operators in java script and explain citing examples.
- (f) Give examples of at least four objects of java script.
- (g) How padding is used in CSS ? Give an example.
- (h) What is the difference between HTML DOM and XML DOM ?
- (i) What is a query string ? How is it transmitted to the server with the GET and POST methods ?
- (j) What is the difference between java application and java applet ?

2. (a) Give an account of emergence of world wide web.

5

(b) Define Internet. How does the Internet works ? Discuss the working of the protocols in Internet.

5

P.T.O.

3. (a) Give the name and address of all the employees in a list. Use nested list to give the first name, middle name and last name within the name. Also address should contain house number, street name and city. 5
- (b) Define a web site. How frames are used for designing a good website? Explain using an example. 5
4. (a) 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
- (b) Write a program in Javascript that inputs any number of numerical inputs till the user clicks a designated button to indicate the end of inputs and after that displays the sum of all the numerical values. 5
5. (a) Write a program in HTML that creates a class S under CSS when used changes the colour to green and keeps 20 pixels as left margin. 5
- (b) What is the difference between div and span? Give examples to explain these two. 5
6. (a) What is the form processing procedure in CGI? How to associate a form with the script? 5
- (b) How to test and debug a perl CGI program? Explain. 5
7. (a) 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
- (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) Frames
- (b) Try catch statement
- (c) DHTML
- (d) Operators in Perl.