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Total Number of Pages : 02

B.Tech.
FECE6405

8th Semester Regular / Back Examination 2017-18
INTERNET TECHNOLOGY AND APPLICATIONS
BRANCH : AEIE, BIOMED, CIVIL, ECE, EIE, ETC, IEE, MINING
Time : 3 Hours
Max Marks : 70
Q.CODE : C552

Answer Question No.1 which is compulsory and any five from the rest.

The figures in the right hand margin indicate marks.

Answer all parts of a question at a place.

Q1 Answer the following questions: (2 x 10)

- a) What are the various components of WWW?
- b) What is the significance of WWW in internet?
- c) Why JavaScript cannot be used as server side scripting language?
- d) HTML is complete. True or False? Justify your answer?
- e) CGI can be termed as backbone of server. True or False? Justify your answer?
- f) Applet has title bar, border or menu bar. True or False? Justify your answer?
- g) What is the difference between singular tag and paired tags? Give three examples for each?
- h) What is the difference between class and id selector in CSS?
- i) Write the html code for following equation
$$h^2=p^2+b^2$$
$$a_1=b_1+c_1$$
- j) Write the methods used to convert array to string and vice verse using perl with suitable example?

Q2 a) Define URL? Describe various parts of URL with suitable example? (5)

b) Define GET and POST? Describe how it differs from each other with suitable example? (5)

Q3 a) Define frame and frameset tag in html? Where it can be defined in html documents? Write an HTML program to divide the browser in three rows of size (10%, 10%, 80%). Again divide the third row in two columns of size (20%,80%)? What is the use of target attribute in frame? (5)

b) Define CSS? Describe different types of CSS with example? Which type of CSS has Highest priority and which has the lowest? (5)

Q4 a) Define Applet. Write an Applet program to create one blinking text "Hello World". (5)

b) What is the use of splice method in JavaScript? Write a JavaScript program to find summation of all the prime numbers between a range accepted from user through prompt dialog box and give the result using alert dialog box? (5)

Q5 a) Define function in JavaScript? Describe its syntax with suitable example? Write a program to create one webpage consist of three buttons red, green and blue. After clicking on any button background colour of webpage will change as per buuton's name. Use function of JavaScript and html. If we click on red button webpage background will be red? (5)

b) Define CGI? Describe the working principle of CGI with neat and clean diagram? (5)

- Q6** a) Write a perl program to find GCD and LCM of two numbers? **(5)**
 b) What is the significance of applet tag in applet program? Describe the various attributes of HTML applet codebase? **(5)**

- Q7** 210 What is table tag? Describe various attributes of table tag with example? Write a program to create one webpage to display following using html and table tag? **(10)**

	8.00 - 8.50	8.50 - 9.40	9.40 - 10.30	10.30 - 11.20	11.20 - 12.10		2.00 - 2.50	2.50 - 3.40	3.40 - 4.30
Mon			SCS (ETC Dept.) (206)	PDS (SKP) (206)	ESD (SKS) (206)	L			
Tue			II (ETC Dept.) (206)	ESD (SKS) (206)	PDS (SKP) (206)	U			
Wed	EE (Civil Dept.) (206)	SCS (ETC Dept.) (206)				N	Major Project (SKP) (KC)		
Thu				II (ETC Dept.) (206)	EE (Civil Dept.) (206)	H			
Fri	EE (Civil Dept.) (206)	II (ETC Dept.) (206)	PDS (SKP) (211)				Comprehensive Viva voce (MS/ALL)		
Sat	SCS (ETC Dept.) (206)	ESD (SKS) (206)							

- Q8** Write short answer on any TWO : **(5 x 2)**
 a) Web server
 b) IP address
 c) Form tag
 d) perl