Internet Programming

P. Pages : 2

Time : Three Hours

Max. Marks : 80

Notes :
1. All questions carry marks as indicated.
2. Solve Question 1 OR Questions No. 2.
3. Solve Question 3 OR Questions No. 4.
4. Solve Question 5 OR Questions No. 6.
5. Solve Question 7 OR Questions No. 8.
6. Solve Question 9 OR Questions No. 10.
7. Solve Question 11 OR Questions No. 12.
8. Due credit will be given to neatness and adequate dimensions.
9. Assume suitable data whenever necessary.
10. Illustrate your answers whenever necessary with the help of neat sketches.

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1. a) Write short notes on :   8

    i) E – mail

    ii) Internet

    iii) WWW

    iv) URL

    b) Explain Internal and External CSS with example.   6

OR

2. a) Create a registration page with inputs as firstname, middlename, lastname, userid, password, repassword, address as textarea with 4 rows and 25 columns, select boxes to select date of birth as date, month and year, gender as radio, languages known as checkbox, upload box for image to be uploaded with submit and reset buttons apply necessary styles using CSS?   7

    b) Explain URL and its components. Write the html code to create table in HTML.   7

3. a) Given the following code.   7

```
<script language = JavaScript type = "text/javascript">
For (i = 0; i < 10; i ++)
{
    document, write (i);
}
</script>
```

    i) What is the output?

    ii) How would you modify the code so that it points the numbers backwards?

    iii) How would you modify the code so that it prints only even numbers?

    iv) How would you modify the code so that it sums all the values of i and prints the final sum.

	b)	Explain the following terms with example. i) Function ii) Array iii) Loop	6

OR

4.	a)	Explain any three events in javascript with suitable code.	7
	b)	List the possible capacity attributes of the alpha filters with examples.	6
5.	a)	Explain XML basic structure element with suitable example program?	7
	b)	What is Document Type Definition? Explain the data types used in XML schema.	6

OR

6.	a)	What is XML? What are the advantages of XML?	5
	b)	Write XML program for E – mail document in the following two ways : i) Using Internal DTD ii) Using External DTD	8
7.	a)	What is java servlet? Explain servlets life cycle?	7
	b)	What is difference between http servlet and generic servlet?	6

OR

8.	a)	Briefly explain about state management with an example program using servlet?	7
	b)	What do you mean by environment parameters? How are they accessed?	6
9.	a)	Explain JSP life cycle in details.	7
	b)	Explain JSP Exception with suitable example program?	6

OR

10.	a)	Explain custom tags in JSP with their features.	7
	b)	Defining scope for a JSP object. Explain types of object scope in details.	6
11.	a)	What are the different android application components in detail?	7
	b)	Explain various types of event listener with syntax in android.	7

OR

12.	a)	Explain key classes Button, TextView, EditText and on click listener in detail with example code.	8
	b)	Explain various layout in detail.	6

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