

This question paper contains 4+1 printed pages]

Roll No.

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S. No. of Question Paper : 158

Unique Paper Code : 234553

E

Name of the Paper : Internet Technologies—I

Name of the Course : B.A. (Programme)

Semester : V

Duration : 3 Hours

Maximum Marks : 45

(Write your Roll No. on the top immediately on receipt of this question paper.)

Question No. 1 is compulsory.

Attempt any 5 questions from Section B.

Section A

1. (a) What do you mean by the term "tag" in HTML ? 1
- (b) Write the code to create the following structure in HTML : 2
$$\text{CO}_2 + \text{H}_2\text{O}.$$
- (c) Name the tags that define largest and smallest headings. 2
- (d) Write the HTML statement to make red as background color of a web page. 2
- (e) Which tag is used to add columns to rows in a table ? 1

P.T.O.

- (f) What is the difference between `
` and `<p>` tag ? 2
- (g) What is the default color of an unvisited link ? 1
- (h) Write the tag to use JavaScript code in an HTML document ? 2
- (i) What is the purpose of the following methods of String object in JavaScript : 2
- (a) `bold`
- (b) `toUpperCase`.

Section B

2. Write JavaScript code to create the following form and perform the given operations : 6

x : y :

RESULT :

On clicking 'SUM' button, the sum of x and y should be displayed in 'RESULT' box. On clicking 'AVERAGE' button, the average of x and y should be displayed in the 'RESULT' box.

In case the user does not enter a value for x and y, an appropriate error message should be displayed.

3. (a) Differentiate between loop and statement. Explain with suitable example. 2
- (b) Write a code in JavaScript to accept a number and find its absolute value. 4

4. Write the HTML code to create the following web page :

6

<u>Hindi</u> (frame 1)	(frame 4)	<u>Mathematics</u> (frame 6)
<u>English</u> (frame 2)		<u>Sanskrit</u> (frame 7)
<u>Science</u> (frame 3)	(frame 5)	<u>Drawing</u> (frame 8)

The content of link "Hindi", "English" and "Science" should open in frame 4 and the content of link "Mathematics", "Sanskrit" and "Drawing" should open in frame 5.

5. (a) What are the possible values of type attribute of tag ?

2

(b) Write HTML code for the following :

4

Restaurant Menu :

I. Salads

- (a) Green Salad
- (b) Russian Salad

II. Main course

- (a) Veg
 - (i) Paneer
 - (ii) Dal
 - (iii) Mixed Veg
- (b) Non-veg
 - (i) Chicken
 - (ii) Mutton
 - (iii) Fish

III. Raita

- (a) Vegetable Raita
- (b) Pineapple Raita.

6. (a) What is the use of target attribute in anchor tag ?

2

(b) Write HTML code to create the following table structure :

4

A	B	C	D
	E		F
G		H	I
J	K	L	M

7. (a) Differentiate between internal link and external link.

1

(b) Write HTML code for the following web page :

5

City Capital Hotel → [Home](#) [Tariff Packages](#) [Gallery](#) [Bottom of the page](#)

City capital hotel is a 4 star hotel located in.....

<this section contains 130 lines>

[Top of the page](#)

8. Prepare an application form for undergraduate program in HTML. The form should have the following specifications :

6

(1) Name of the applicant appearing in a text box.

(2) (a) Address appearing in a text box.

(b) Age in a text box.

(3) Courses applied for (as radio button) :

(a) Computer Science

(b) Mathematics

(c) Physics

(d) Chemistry.

- (4) Use radio button to find the category of the student :
- (a) SC/ST
 - (b) OBC
 - (c) GENERAL.
- (5) Use checkbox to find other interests of the students :
- (a) Dance
 - (b) Reading novels
 - (c) Writing
 - (d) Speech
 - (e) Sports.

The form should have font face 5 and font face Arial.