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BENGALURU
School of Computer Science and Engineering
Mid - Term Examinations - November 2024

Semester: V

Date: 06-11-2024

Course Code: CSE2067

Time: 02:00pm – 03:30pm

Course Name: Web Technology

Max Marks: 50

Program: B Tech

Weightage: 25%

Instructions:

(i) Read all questions carefully and answer accordingly.

(ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks.

5Qx2M=10M

1	Describe atleast two key difference between HTML and XHTML.	2 Marks	L1	CO1
2	How do the and tags differ in HTML?	2 Marks	L1	CO1
3	What is the function of the <iframe> tag in HTML, and when would you use it?	2 Marks	L1	CO1
4	Which type of CSS is best suited for applying consistent styles across multiple pages of a website, and why?	2 Marks	L2	CO2
5	Differentiate between class selectors (.) and ID selectors (#) in CSS.	2 Marks	L2	CO2

Part B

Answer ALL Questions. Each question carries 10 marks.

4QX10M=40M

- 6 a.** Create a static web page to display employee details like name, address, mobile number, email Id etc similar to a telephone directory for Infosys. Strike out old Phone number and display new phone number. 4 Marks
- b.** Explain the different types of lists. Alwin needs to create a list of states and its capitals for his social studies project. Write the HTML code to create a static web page to display the following. 6 Marks

ASIAN COUNTRIES AND THEIR CAPITALS

- 1. INDIA**

- New Delhi
- 2. **PAKISTAN**
- Islamabad
- 3. **THAILAND**
- Bangkok

or

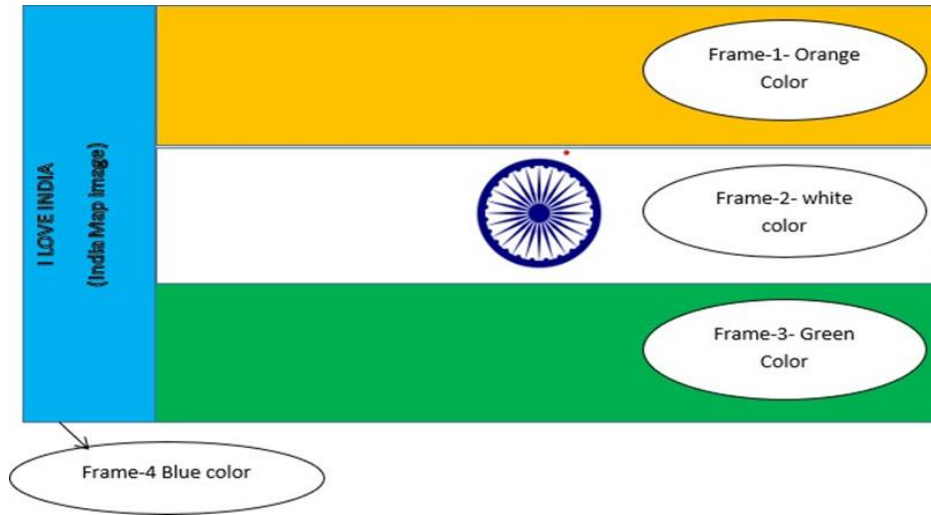
- 7
- a.** Develop a static web page to display 3 horizontal and 2 vertical partition of frames with 30%, 40%, 30% and each 50%, each portion of the frame should display the image of flowers, fruits, vegetables and display a message. 4 Marks L2 C01
- b.** Rohit, a student of the CSE Department, wants to represent a table on the webpage but he is unaware of the table tags. Explain the tags used to create a table. Also write the HTML code to demonstrate the creation of a table with columns- Sl.No., Tag Name and Description to explain to Rohit about the 10 basic tags. To the table above add the following: 6 Marks L2 C01
1. Place the table at the center of webpage.
 2. Border
 3. Color the table with 'yellow'
 4. Caption as 'Basic HTML Tags'

Sl.No.	Tag Name	Description
1	 	Break Line
	Similarly explain 10 basic tags	

- 8
- Develop Static Pages (Using Only HTML) of an Online Book Store. The Pages Should Design and develop a registration for hotel booking. 10 Marks L3 C01
- Customer name (numbers not allowed)
 - Number of days of stay (use proper input type, should be more than 0)
 - Select AC or NON-AC (use radio type)
 - Select room type (use checklist: single, double etc)
 - Select your place (default is Bangalore)
 - Select pin which starts with 56....
 - Mobile number (exactly 10 numbers)
- On click submit button should display proper message in case any of the above entries are incorrect

or

- 9 Create a web page as shown in the figure below. Each frame should have the following content 10 L3 C01
Marks
- I. Blue frame should have a heading and a logo as shown in diagram.
 II. Orange frame should have a paragraph describing our national animal and an image of it
 III. White should have an image of “Ashoka chakra”
 IV. Green Frame should have division describing our national bird and an image of it.



- 10 Design an Ecommerce website using HTML. The website should be having following things: 10 L3 C01
Marks
- Split the web page into two parts using frames, Frame1: top section 20% and Frame2: bottom section 80%.
 - Frame1 contains: Name and Logo of any Ecommerce website of your wish. (Text has to be scrolling)
 - Frame2 contains Login details that contains a form that takes the input from the user as USERNAME and PASSWORD and also login and cancel buttons. By clicking onto the login button, it needs to navigate to another webpage which displays images of any four product and clicking on any of the image it needs to redirect to any of Ecommerce website.

or

- 11 Design a static web page for Travel reservation form. Design an HTML form to take the information of a traveler like Full Name, Email address, Select Tour package (select place using drop down list), Arrival Date, No. of persons, what would you like to avail? [use check box to list Boarding, Fooding, sight-seeing], Discount coupon code, Terms and conditions [use radio buttons: I agree, I disagree] and complete reservation button using button tag. 10 L3 C01
Marks

Sample output is given below:

Full name*:

 Email address*:

 Select Tour Package* :

 Arrival date*:

 Number of persons*:

 What would you want to avail?*

Boarding
 Fooding
 Sight seeing
 Discout Coupon code:

 Terms and conditions*
 I agree I disagree

- 12 Sita wants to order a cake through an online cake delivery system for her son's birthday. She visits the website for booking the birthday cake. Help Sita to book a wonderful cake for her son through a website. You design a website with the following options using HTML & CSS. 10 Marks L3 C02
1. Home screen with images & text messages
 2. List of categories of an occasion -wedding, birthday, congratulations etc.
 3. Navigate to birthday page with colorful images of cakes with price details
 4. Booking confirmation page.

or

- 13 Mr. Rajesh wants to design a table using HTML & CSS to get Pre-end term marks, End term marks & Total marks. Write the HTML code to generate the following table with the contents and alignments exactly shown below. Apply a dashed border, use font Calibri, table heading should be in bold form and use different background color for each table heading cell. Apply background color yellow for table data. Use different font color for a text of table heading and table data. All the styles should be inserted using external stylesheet. 10 Marks L3 C02

Midterm & Endterm Marks

Roll Number	Name		Section	Marks		Total Marks
	Fname	Lname		Mid-term Marks	End term Marks	
1	Suman	Kumar	5CSE01	90	95	185
2	Anaya	Sharma		95	98	193
3	Sumar	Kumar		88	90	178
4	Asif	Khan		92	94	164