Continuous Assessment Test – I

Programme Name & Branch: BTECH

Course Code: ITE1002

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Exam Duration: 90 mins

Course Title: Web Technologies

Slot: A1

Maximum Marks: 50

Answer all the Questions

1. Design the following web page using HTML frames. The Menu column contains a few links and when the link is clicked the corresponding page should be displayed in the right-sided frame as shown below. Write all the required HTML documents for this below design.

Amendments to the Constitution

Amendments 1 through 10, known as the Bill of Rights, were ratified by Congress December 15, 1791.

Menu	Amendment 1
Amendment 1 Amendment 2 Amendment 3	Congress Shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof, or abridging the freedom of speech, or of the epress; or the right of the people peaceably to assemble, and to petition the Government for a redress of grievances.

2. Write the HTML and internal CSS code to design the below table with the following constraints:

    - The thickness of the table border is 5px wide.
    - Apply different background colors for heading and the content.
    - The space between the content and cell border is 3px.
    - The width of the table is 500.
    - All text should be aligned in the center.
    - When the link(eg: Data Structures) is clicked the corresponding page should be opened in the new page.

Unit No	Unit Name	Marks	
		Practical	Theory
1	Web Page Development	25	75
2	Data Structures	20	80
3	Image Processing	40	60
	Total		215

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3. Write the HTML code to design the form as given below.

ACCOUNT OPENING FORM

Name*

Date of Birth * (dd-mm-yy)

Gender*   ○ Male ○ Female

Nationality

Account Type*   ○ Savings ○ Fixed

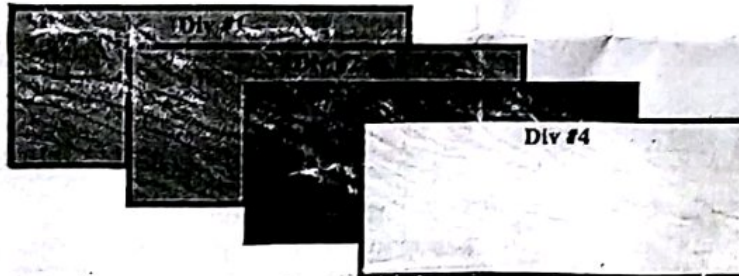Preferences   ☐ Internet Banking ☐ Mobile Banking ☐ SMS alerts

Address

Country*   Please select... ∨

Phone*

Email*

SEND   CLEAR

4. Design the web page with four divisions as shown below using HTML and CSS positioning. Set different background colors for all divisions like red for Div#1, green for Div#2, blue for Div#3 and yellow for Div#4. But the same black color border for all. A one-line text enough to identify each division and it should be aligned in top center.

Div #4

5. The Head Librarian at a library wants you to make a program that calculates the fine for returning the book after the return date. You can initialize the actual and the expected return dates in D M Y format respectively. Calculate the fine as follows using Javascript:

- If the book is returned on or before the expected return date, no fine will be charged, in other words, fine is 0.
- If the book is returned in the same month as the expected return date, Fine = 15 Rupees × Number of late days
- If the book is not returned in the same month but in the same year as the expected return date, Fine = 500 Rupees × Number of late months
- If the book is not returned in the same year, the fine is fixed at 10000 Rupees.