MID-TERM EXAMINATION

(Course Name : B. Tech.) (Semester : 1ˢᵗ)

(October 2024) OFF LINE mode

Subject Code: BCS-102	Subject: Web Application Development
Time : 1 ½Hours	Maximum Marks :30

Note: Q1 is compulsory. Attempt any two parts of Q2 and Q3

Q1		(2.5*4=10)	CO Mapping
	a) What is XML and how does it differ from HTML?		
	b) Give the difference between frames and iframes?		
	c) Explain the box model in CSS?		
	d) What is combo box. Explain with suitable example?		
	UNIT I		CO Mapping
Q2	Attempt any two parts	(5*2=10)	
	a) Define multimedia. How do HTML audio and video elements enable seamless multimedia integration on the web? Include examples supporting the same.		
	b) Explain the different form elements in HTML, such as text boxes, password fields, checkboxes, radio buttons, list boxes, text areas, submit button and reset buttons by designing a suitable form.		
	c) Discuss how Python can be used for building web applications, highlighting key frameworks.		
	UNIT II		CO Mapping
Q3	Attempt any two parts	(5*2=10)	
	a) Describe the different ways to add CSS to a web page. Provide examples.		
	b) Discuss the purpose of XML and its differences from HTML in terms of structure and usage.		
	c) Explain the concept of cascading in CSS. How does it determine the final style of an element? Also, What are the advantages of grouping styles in CSS? Provide an example.		