Roll No: | | | | | | | | | | | |

PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi | Approved By BCI
Bengaluru

Mid Term Examinations - October 2026

Date: 06/10/2026 **Time:** 11:45 AM - 01:15 PM

Course Code: CSS2258 **Course Name:** Web Technologies

Semester: 3'5Semester **Max. Marks:** 50 **Weightage:** 50%

CO - Levels	CO1	CO2
Marks	34	56

PART A: Answer Following Questions. 10 M

Q.N.	Questions	M	CO	BT
1	What is the difference between the Internet and the World Wide Web?	2	CO1	BT1
2	What is the purpose of the `alt` attribute in an XHTML `<img>` element?	2	CO1	BT1
3	What is CSS opacity? Write a CSS statement to make an element 50% transparent.	2	CO2	BT1
4	What is the purpose of the CSS `float` property?	2	CO2	BT1
5	Define responsive web design. Mention any two techniques used in responsive design.	2	CO2	BT2

PART B : Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
6	Explain the origin and evolution of HTML and XHTML. Discuss the major syntactic differences between HTML and XHTML with suitable examples.	10	CO1	BT2
7	Explain how hypertext links and images are created in XHTML. Write an XHTML program that displays a college logo, a descriptive paragraph and three hyperlinks to different webpages.	10	CO1	BT2

PART C: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
8	Create an XHTML webpage containing a student marks table with columns Roll Number, Name, HTML, CSS, XML and Total. Add at least four student records. Explain the XHTML table elements used.	10	CO1	BT2
9	Explain CSS font properties and border properties. Write a CSS program that styles a heading and a paragraph using different font properties and creates a bordered content box with different border styles.	10	CO2	BT3

PART D: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
10	Explain opacity and the CSS Box Model. Create a CSS example for a card having a width , padding , border and a margin . Set its opacity to 0.8 and explain the effect of each property.	10	CO2	BT3

11	Explain floating elements and the `clear` property. Develop a webpage layout using CSS containing a header, two-column content area and footer. Use floating elements for the columns and ensure that the footer appears below them.	10	CO2	BT3

PART E: Answer Any 1 Following Questions. 10 M				
Q.N.	**Questions**	**M**	**CO**	**BT**
12	Explain responsive web design in detail. Discuss flexible layouts, relative units, flexible images, media queries and mobile-first design. Write a responsive CSS program that changes the layout of two boxes from horizontal to vertical when the screen width is 600px or less.	10	CO2	BT3
13	Explain CSS frameworks and their role in web development. Also explain how XML can be used for data representation. Create an XML document containing information about two students with ID, name, department, email and marks.	10	CO2	BT3