



# PRESIDENCY UNIVERSITY

BENGALURU

Roll No.														
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## Mid - Term Examinations – October 2025

Date: 08-10-2025

Time: 11.45am to 01.15pm

<b>School:</b> SOCSE	<b>Program:</b> CSE	
<b>Course Code :</b> CSE2258	<b>Course Name:</b> Web Technologies	
<b>Semester:</b> V	<b>Max Marks:</b> 50	<b>Weightage:</b> 25%

CO - Levels	C01	C02	C03	C04	C05
<b>Marks</b>	<b>26</b>	<b>24</b>			

### 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.				5Q x 2M=10M	
1	Write any two differences between HTML and XHTML?	2 Marks	L2	C01	
2	What is the role of an application server?	2 Marks	L2	C01	
3	How IP address is differ from DNS?	2 Marks	L2	C01	
4	How do you create a comment in CSS?	2 Marks	L1	C02	
5	How do you apply the same style to multiple elements in CSS?	2 Marks	L3	C02	

### Part B

#### Answer the Questions.

Total Marks 40M

6.	a.	Explain how to create tables in HTML. Discuss the tags and attributes involved and demonstrate with an example.	10 Marks	L2	C01
Or					
7.	a.	Explain the different types of lists in HTML with detailed examples. Discuss how each type of list is used and formatted.	10 Marks	L2	C01
8.	a.	Assume that you have been appointed as a web developer and as a testing	10M	L2	C01

task, you have been given with a task to generate a 12<sup>th</sup> grade card format for a school. Write a html code to design a web page for the same as given below. Observe the screenshot carefully and implement the same using required tags

STATE BOARD OF SECONDARY EDUCATION

Higher Secondary Examination – Class XII

Academic Year: 2024-2025

Student Name: Alex George  
Roll No.: 10XF1202453  
Reg. No:08/12/2022  
School: Presidency Senior Secondary School  
Date of Birth: 15 Mar 2007  
Center: Bengaluru

MARKS STATEMENT

Sl	Subject	Max Marks	Theory	Practical	Total	Grade
1	English	100	82	—	82	A2
2	Mathematics	100	91	—	91	A1
3	Physics	100	76	19	95	A1
4	Chemistry	100	73	20	93	A1
5	Computer Science	100	78	20	98	A1
6	Second Language (Hindi)	100	88	—	88	A2
Grand Total		600	—		547	—

Percentage: 91.17%  
Result: PASS  
Division: Distinction  
Issue Date: 04 Sep 2025  
  
Remarks: Outstanding performance with excellent scores in Science stream. Eligible for scholarship consideration.

Or					
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9.	a.	<p>A university is conducting its <b>online admission process</b> for undergraduate programs. As part of the admission procedure, students must fill out an online form with their personal details, academic qualifications, and upload the required documents. The university needs the following information:</p> <ul style="list-style-type: none"><li>Student’s personal details (Name, Date of Birth, Gender, Contact Info, Address)</li><li>Course they wish to apply for</li><li>Their 12th Standard marks (%)</li><li>A passport-size photo (image file)</li><li>Their marks card (PDF or image file)</li><li>A password for login after successful registration</li></ul> <p>Once the student submits the form, they should be redirected to a <b>welcome page</b> that confirms successful registration.</p>	10M	L2	CO1
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10.	a.	Discuss the different types of CSS (Cascading Style Sheets). Explain the characteristics, advantages, and use cases for each type: inline CSS, internal CSS, and external CSS. Provide examples to	10M	L3	CO2
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		illustrate their application.			
<b>Or</b>					
<b>11.</b>	<b>a.</b>	Discuss the various types of CSS selectors. Explain their characteristics, use cases, and provide examples for each type	<b>10M</b>	<b>L2</b>	<b>CO2</b>

<b>12.</b>	<b>a.</b>	<p>A small bakery named Sweet Treats wants a basic website with three pages to show customers their offerings.</p> <p>Create and link together three simple web pages:</p> <ol style="list-style-type: none"> <li>1. Home – a welcome message about the bakery.</li> <li>2. Menu – a list of cakes and pastries.</li> <li>3. Contact – address, phone number, and a short inquiry form.</li> </ol> <p>Requirements</p> <ul style="list-style-type: none"> <li>• Use one CSS file so the design looks the same on every page.</li> <li>• Give the main headings, section titles, and any buttons the same style (same color, font, and spacing) across all three pages.</li> <li>• Each page should have its own content but keep the same styled elements.</li> <li>• Add a small navigation area so visitors can move between pages.</li> </ul>	<b>10M</b>	<b>L2</b>	<b>CO2</b>
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<b>Or</b>					
<b>13.</b>	<b>a.</b>	<p>A local café called Morning Brew wants a three-page website to share its story, menu, and contact details.</p> <p>Create and link together three pages:</p> <ol style="list-style-type: none"> <li>1. Home – a welcome message about the café.</li> <li>2. Menu – a list of drinks and snacks.</li> <li>3. Contact – address, phone number, and a simple form.</li> </ol> <p>Design Requirements</p> <ul style="list-style-type: none"> <li>• Interactive Links &amp; Buttons <ul style="list-style-type: none"> <li>◦ Make all navigation links and any “Order Now” or “Send” buttons change style when visitors hover over them or click them (for example, a different background or text color).</li> </ul> </li> <li>• Special Text Effect <ul style="list-style-type: none"> <li>◦ On the Home page, make the first letter of the welcome paragraph stand out—for example, larger size, bold color, or a fancy font—without manually wrapping that letter in a separate element.</li> </ul> </li> <li>• Consistency <ul style="list-style-type: none"> <li>◦ Use one CSS file so the overall style remains the same across all three pages.</li> </ul> </li> </ul>	<b>10M</b>	<b>L2</b>	<b>CO2</b>

