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PRESIDENCY UNIVERSITY

BENGALURU

Mid - Term Examinations – October 2025

Date: 08-10-2025

Time: 11.45am to 01.15pm

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

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	26	24			

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	CO1
2	What is the role of an application server?		2 Marks	L2	CO1
3	How IP address is differ from DNS?		2 Marks	L2	CO1
4	How do you create a comment in CSS?		2 Marks	L1	CO2
5	How do you apply the same style to multiple elements in CSS?		2 Marks	L3	CO2

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	CO1
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	CO1
8.	a.	Assume that you have been appointed as a web developer and as a testing	10M	L2	CO1

	<p>task, you have been given with a task to generate a 12th 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</p> <p style="text-align: center;">STATE BOARD OF SECONDARY EDUCATION Higher Secondary Examination – Class XII Academic Year: 2024-2025</p> <hr/> <p>Student Name: Alex George Roll No.: 10XF1202453 Reg. No.: 012/2022 School: Presidency Senior Secondary School Date of Birth: 15 Mar 2007 Center: Bengaluru</p> <hr/> <p style="text-align: center;">MARKS STATEMENT</p> <hr/> <table border="1" data-bbox="403 646 1235 848"> <thead> <tr> <th>Sl</th><th>Subject</th><th>Max Marks</th><th>Theory</th><th>Practical</th><th>Total</th><th>Grade</th></tr> </thead> <tbody> <tr> <td>1</td><td>English</td><td>100</td><td>82</td><td>—</td><td>82</td><td>A2</td></tr> <tr> <td>2</td><td>Mathematics</td><td>100</td><td>91</td><td>—</td><td>91</td><td>A1</td></tr> <tr> <td>3</td><td>Physics</td><td>100</td><td>76</td><td>19</td><td>95</td><td>A1</td></tr> <tr> <td>4</td><td>Chemistry</td><td>100</td><td>73</td><td>20</td><td>93</td><td>A1</td></tr> <tr> <td>5</td><td>Computer Science</td><td>100</td><td>78</td><td>20</td><td>98</td><td>A1</td></tr> <tr> <td>6</td><td>Second Language (Hindi)</td><td>100</td><td>88</td><td>—</td><td>88</td><td>A2</td></tr> <tr> <td colspan="2">Grand Total</td><td>600</td><td>—</td><td>—</td><td>547</td><td>—</td></tr> </tbody> </table> <hr/> <p>Percentage: 91.17% Result: PASS Division: Distinction Issue Date: 04 Sep 2025</p> <p>Remarks: Outstanding performance with excellent scores in Science stream. Eligible for scholarship consideration.</p>	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	—	
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4	Chemistry	100	73	20	93	A1																																																				
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Or

9.	a.	<p>A university is conducting its online admission process 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"> • Student's personal details (Name, Date of Birth, Gender, Contact Info, Address) • Course they wish to apply for • Their 12th Standard marks (%) • A passport-size photo (image file) • Their marks card (PDF or image file) • A password for login after successful registration <p>Once the student submits the form, they should be redirected to a welcome page that confirms successful registration.</p>	10M	L2	CO1
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10.	a.	<p>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</p>	10M	L3	CO2
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		illustrate their application.			
Or					
11.	a.	Discuss the various types of CSS selectors. Explain their characteristics, use cases, and provide examples for each type	10M	L2	CO2

12.	a.	<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"> 1. Home – a welcome message about the bakery. 2. Menu – a list of cakes and pastries. 3. Contact – address, phone number, and a short inquiry form. <p>Requirements</p> <ul style="list-style-type: none"> • Use one CSS file so the design looks the same on every page. • Give the main headings, section titles, and any buttons the same style (same color, font, and spacing) across all three pages. • Each page should have its own content but keep the same styled elements. • Add a small navigation area so visitors can move between pages. 	10M	L2	CO2
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		Or			
13.	a.	<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"> 1. Home – a welcome message about the café. 2. Menu – a list of drinks and snacks. 3. Contact – address, phone number, and a simple form. <p>Design Requirements</p> <ul style="list-style-type: none"> • Interactive Links & Buttons <ul style="list-style-type: none"> ◦ 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). • Special Text Effect <ul style="list-style-type: none"> ◦ 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. • Consistency <ul style="list-style-type: none"> ◦ Use one CSS file so the overall style remains the same across all three pages. 	10M	L2	CO2

