



PRESIDENCY UNIVERSITY

BENGALURU

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End - Term Examinations – May / June 2026

Date: 20- 05-2026

Time:01:00pm – 04:00pm

School: SOCSE	Program: CSE	
Course Code: CSE2067	Course Name: WEB TECHNOLOGIES	
Semester: VI	Max Marks:100	Weightage: 50%

CO - Levels	C01	C02	C03	C04	C05	C06
Marks	22	22	14	14	14	14

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.

10Q x 2M=20M

1.	What is the use of rowspan and colspan attributes?	2 Marks	L1	C01
2.	Define CellPadding and CellSpacing in HTML.	2 Marks	L1	C02
3.	Differentiate between GET and POST methods in HTML.	2 Marks	L1	C03
4.	Describe how the z-index property controls element stacking in CSS.	2 Marks	L2	C03
5.	Define well-formed and valid XML document	2 Marks	L1	C04
6.	What is XSL (Extensible Stylesheet Language)?	2 Marks	L2	C04
7.	Define Responsive Web Design.	2 Marks	L1	C05
8.	What is XML Schema? How does it differ from XML DTD?	2 Marks	L2	C05
9.	Differentiate between echo and print function	2 Marks	L1	C06
10.	What is the difference between client-side and server-side scripting?	2 Marks	L2	C06

Part B

Answer the Questions.

Total Marks 80M

11.	a.	A college website needs to display a weekly class timetable in a structured format where some subjects occupy multiple periods and the lunch break spans across several columns. Using HTML, explain how to create a table to represent this timetable. Describe the use of table tags and explain important table attributes like border, cellpadding, cellspacing, and width. Also illustrate how rowspan and colspan attributes are used to merge rows and columns with a suitable example	10 Marks	L2	CO1
	b.	Explain the standard XHTML document structure with an example. Write and explain the syntactic differences between HTML and XHTML	10 Marks	L3	CO2
Or					
12.	a.	A college department wants to create a simple webpage to display information about its courses, faculty, and contact details. Using HTML, design a webpage that demonstrates the use of basic HTML tags such as <html>, <head>, <title>, <body>, headings (<h1>–<h6>), paragraphs (<p>), formatting tags (, <i>, <u>), lists (, ,), hyperlinks (<a>), images (), and line breaks (
). Explain the purpose of each tag and illustrate the structure of the webpage with a suitable example	10 Marks	L2	CO1
	b.	Differentiate between the following with an example 1. Html vs Xhtml 2. Span vs Div tag 3. Frame vs iframe tag	10 Marks	L3	CO2
13.	a.	A college placement portal allows students to register for campus recruitment drives. The registration page should collect information such as Student Name, Email, Password, Phone Number, Gender, Department, Skills, Resume Upload, Preferred Interview Date, and Comments. Design a student placement registration form using HTML form elements. The form should demonstrate the use of various input types such as text, email, password, number, radio buttons, checkboxes, dropdown list, date picker, file upload, and textarea. Explain the purpose of each input element used in the form and describe how the GET and POST methods are used to submit form data to the server.	10 Marks	L2	CO3

	b.	A news website wants to display: • A header frame at the top for the website banner • A left frame showing categories such as Sports, Politics, Technology, and Entertainment • A main frame to display the selected news article Describe how this webpage can be created using frames in HTML. Illustrate the structure using frameset rows and columns and explain how different pages load within frames.	10 Marks	L3	C04
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Or

14.	a.	A service website wants to collect user feedback to improve its services. The feedback page should allow users to enter details such as Name, Email, Rating (1–5), Comments, and submit their feedback. The form should also demonstrate the use of multiple input types available in HTML. Design a comprehensive feedback form using HTML form elements that includes various input types such as text fields, email, password, radio buttons, checkboxes, dropdown list, number, range, date, file upload, textarea, and submit/reset buttons. Explain the structure of the form and describe the purpose of GET and POST methods used during form submission	10 Marks	L2	C03
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	b.	An educational portal wants to divide its webpage into three sections: • Top frame for the website header • Left frame for the course menu • Main frame for course content Explain how this layout can be implemented using frames in HTML with suitable structure.	10 Marks	L3	C04
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15.	a.	Discuss the different types of CSS (Cascading Style Sheets). Explain the characteristics, advantages, and use cases for each type with examples.	10 Marks	L2	C05
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	b.	Discuss the various types of CSS selectors. Explain their characteristics, use cases, and provide examples for each type.	10 Marks	L3	C06
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Or

16.	a.	Describe the different types of CSS positioning techniques such as static, relative, absolute, fixed, and sticky in Cascading Style Sheets. Illustrate each with examples and explain their practical use in webpage design.	10 Marks	L2	C05
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	b.	Demonstrate XML Namespaces with examples. Discuss the need for XSL in XML documents and how it differs from CSS in HTML.	10 Marks	L3	C06
17.	a.	Define arrays in PHP.Explain the different types of arrays (Indexed, Associative, and Multidimensional arrays) with suitable examples and PHP code snippets.	10 Marks	L2	C01
	b.	What are Superglobal variables in PHP?Explain the use of \$_GET, \$_POST, \$_SERVER, and \$_FILES arrays with examples. Also describe situations where each superglobal is used.	10 Marks	L3	C02
Or					
18.	a.	Explain file handling operations in PHP.Discuss how to create, read, write, append, and close files using PHP functions with suitable examples.	10 Marks	L2	C01
	b.	A library management system stores book information such as title, author, and availability in a database.Explain how PHP interacts with MySQL to connect to the database, execute SQL queries, and retrieve book details.	10 Marks	L3	C02