PRESIDENCY UNIVERSITY

BENGALURU

Make Up Examinations – December 2025

Date: 26 – 12- 2025   **Time:** 1.00pm to 04.00pm

School: SOCSE	Program: B.Tech	
Course Code :CSE2056	Course Name: Web 2.0	
Semester: MK	Max Marks: 100	Weightage:50%

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	24	24	26	26	-

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	Discuss any two differences between Web 1.0 and Web 2.0.	2 Marks	L2	CO1
2	Explain server-side scripting along with a suitable one example.	2 Marks	L2	CO1
3	Explain syntax of linking an XML document to its XML Schema (XSD).	2 Marks	L2	CO2
4	Mention any two advantages of using jQuery in web development.	2 Marks	L1	CO2
5	Discuss ActionScript and its uses in Flex.	2 Marks	L2	CO3
6	List any two advantages of using Flex architecture.	2 Marks	L1	CO3
7	Give one example of how AngularJS is used in web applications.	2 Marks	L1	CO3
8	Explain the concept of Fallback Patterns.	2 Marks	L2	CO4
9	List any two advantages of using Multi Stage Download.	2 Marks	L1	CO4
10	State one use case where Periodic Refresh is required.	2 Marks	L1	CO4

Part B

Answer the Questions.   **Total Marks 80M**

11	a.	Explain the role of server-side scripting in web development.	10 Marks	L2	CO1
	b.	Create PHP program to find the largest number among three numbers entered by the user.	10 Marks	L3	CO1
		Or			
12	a.	Write a simple PHP program that accepts a user's name and email from an HTML form and displays it using the POST method.	10 Marks	L3	CO1
	b.	Explain the evolution of the Internet and compare the features of Web 1.0 and Web 2.0 with suitable examples.	10 Marks	L2	CO1

13	a.	Explain two-way data binding and directives in AngularJS with examples.	10 Marks	L2	CO2
	b.	Create a well-formed XML file that stores employee information: name, employee id, department, and email.	10 Marks	L3	CO2
		Or			
14	a.	Describe common pitfalls when working with XML over AJAX and how to mitigate them.	10 Marks	L2	CO2
	b.	Create a well-formed XML file that stores movie information: movie name, including the title, director, release year, and genre.	10 Marks	L3	CO2

15	a.	Explain the roles of the Model, View, and Controller components in the MVC architecture.	10 Marks	L2	CO3
	b.	Compare AngularJS and Flex with respect to data binding and component-based design along with the suitable examples.	10 Marks	L2	CO3
		Or			
16	a.	Explain the role and features of ActionScript in Flex applications with an example showing how it works with UI Components.	10 Marks	L2	CO3
	b.	Explain UI Components in Flex and describe how they are used in applications. Give any two advantages of using them.	10 Marks	L2	CO3

17	a.	Discuss Periodic Refresh in web applications along with the situation where it would be necessary to implement it.	10 Marks	L2	CO4
	b.	Discuss different types of fallback strategies with examples of how they are used in real-world applications.	10 Marks	L2	CO4
Or					
18	a.	Explain the concept of Submission Throttling. How does it help in preventing misuse of a form or service?	10 Marks	L2	CO4
	b.	Explain the concept of Multi Stage Download along with its uses in optimizing web application performance.	10 Marks	L2	CO4