

K. J. Somaiya Institute of Technology, Sion, Mumbai-22
(Autonomous College Affiliated to University of Mumbai)

~~Jan Nov-Dec 2026~~

Supplementary Exam (B.Tech) Program: Computer Engineering Scheme: III
Regular Examination: TY Semester: V
Course Code: CEDLC5052 and Course Name: Internet Programming
Date of Exam: ~~28/11/2025~~ 02/12/2026 Duration: 02.5 Hours Max. Marks: 60

Instructions:

- (1) All questions are compulsory.
- (2) Draw neat diagrams wherever applicable.
- (3) Assume suitable data, if necessary.

		Max. Marks	CO	BT level																								
Q 1	Solve any two questions out of three.																											
a)	Write a HTML code to create a following table. <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Sr. No</th> <th>Course Code</th> <th>Course</th> <th>Credits</th> <th>Term work Marks</th> <th>End Sem Exam Marks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>C101</td> <td>CN</td> <td>3</td> <td>25</td> <td>60</td> </tr> <tr> <td>2</td> <td>C102</td> <td>IP</td> <td>3</td> <td>25</td> <td>60</td> </tr> <tr> <td>3</td> <td>C103</td> <td>DWM</td> <td>3</td> <td>25</td> <td>60</td> </tr> </tbody> </table>	Sr. No	Course Code	Course	Credits	Term work Marks	End Sem Exam Marks	1	C101	CN	3	25	60	2	C102	IP	3	25	60	3	C103	DWM	3	25	60	05	CO1	Ap
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1	C101	CN	3	25	60																							
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3	C103	DWM	3	25	60																							
b)	Differentiate between inline, embedded, and external CSS with code examples.	05	CO2	Ap																								
c)	Explain JavaScript DOM Model with an example.	05	CO3	U																								
Q.2	Solve any two questions out of three.																											
a)	Consider suitable use case and implement JQuery Ajax methods.	05	CO4	Ap																								
b)	Explain CRUD operations in MongoDB using Mongoose.	05	CO5	U																								
c)	Define single page web application. Explain React js components?	05	CO6	U																								
Q.3	Solve any two questions out of three.																											
a)	Explain Rich Internet Applications in detail with architecture and characteristics.	10	CO4	U																								

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b)	Write PHP + MySQL code for employee management system. Implement database operations such as Insert, Update, and Delete using prepared statements.	10	CO5	Ap
c)	Explain MERN Full Stack Application architecture with neat diagram and workflow.	10	CO6	U
Q.4	Solve any two questions out of three.			
a)	Explain the structure and working of HTTP. Discuss the process of request-response cycle with a flow diagram.	10	CO1	U
b)	I. Write suitable HTML/CSS code examples to demonstrate the use of the following CSS properties (5M) 1. Border Images 2. Box Shadow 3. Background properties	10	CO2	Ap
	II. Design Landing Page for a Tech Startup considering the following requirements: A responsive navbar with the startup's brand name and logo, A section introducing the startup, A services section laid out in a responsive grid, A modal popup for a Join Us form where interested users can apply to join the startup. (5M)		CO2	Ap
c)	Explain Exception Handling and Event Handling in JavaScript. Write suitable code examples.	10	CO3	U
