Nov / Dec 2024-2025	
(B. Tech.) Program: Computer Engineering	Scheme: IIB
Regular: TY	Semester: V
Course Code: CEDLC5052 and	Course Name: Internet Programming
Date of Exam: 29\11\2024 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.

Q. No.	Question	Max. Marks	CO	BT level
Q 1	Solve any **two** questions out of three: (05 marks each)	10		
a)	Create a JavaScript function to fetch data from a JSON file using an HTTP request and display the results dynamically on a webpage using the DOM model. Demonstrate how you would integrate jQuery to handle events for loading the data when a button is clicked.		CO2	Ap
b)	How can a JSP-based system be implemented to verify passwords by retrieving data from a MySQL database, ensuring secure access to a fitness gym's member dashboard.		CO3	Ap
c)	Using the fundamental syntax and semantics of HTML5, create a simple webpage that includes a table with at least three rows and two columns, a list, and an embedded image		CO1	Ap
Q 2	Solve any **two** questions out of three: (05 marks each)	10		
a)	Design a HTML code for creating a table with three columns such as name of your three friends with their favorite sport and college name. Include appropriate heading.		CO1	Ap
b)	Sketch a JavaScript code to change background color using buttons?		CO2	U
c)	Design a simple calculator using PHP.		CO5	Ap
Q.3	Solve any **two** questions out of three. (10 marks each)	20		
a)	You are developing an online ticket booking system for a cinema (e.g., BookMyTicket.com), where users can browse movie		CO1	Ap

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

Nov / Dec 2024-2025
(B. Tech.) Program: Computer Engineering   Scheme: IIB
Regular: TY   Semester: V
Course Code: CEDLC5052   and   Course Name: Internet Programming
Date of Exam: 23)11)24
Duration: 02.5 Hours
Max. Marks: 60

	schedules, select seats, and book tickets. The system needs to handle multiple requests and manage data such as available showtimes, ticket prices, and booking confirmations. You have to design and explain how the client-server architecture works and how the client and server communicate over the internet using HTTP.			
b)	What is the purpose of using regular expressions in JavaScript? How can regular expressions be utilized to validate email addresses, and how would you incorporate JSON in the process.		CO2	U
c)	How do you handle events like onClick, onChange, and onSubmit in a React component? Provide an example.		CO6	Ap
Q.4	Solve any **two** questions out of three. (10 marks each)	20		
a)	Analyze the differences between the HTTP GET and POST methods and evaluate their appropriate usage scenarios with practical examples.		CO3	An
b)	How does PHP handle session tracking and user authentication? Provide an example of a login system using PHP and MySQL.		CO5	Ap
c)	Explain the concept of AJAX and how it differs from traditional web development approaches.		CO4	U

****