

comp | 94. 12/12/22

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

Subject Code: CEDLC5052

Subject Name: Internet Programming

Nov /Dec 2022-2023				
(B.Tech.) Program: Computer Engineering				
Examination: TY Semester: V				
Course Code: CEDLC5052 and Course Name: Internet Programming				
Duration: 2.5 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 six questions out of eight	12		
i)	Describe HTTP Request Message with example	2	CO1	U
ii)	List characteristics of RIA?	2	CO4	U
iii)	What are Servlets?	2	CO3	U
iv)	What is Event listener in DOM?	2	CO2	U
v)	What is the difference between PHP and JavaScript?	2	CO5	U
vi)	What is JSX?	2	CO6	U
vii)	Discuss the advantages of AJAX?	2	CO1	U
viii)	How to terminate a Session?	2	CO2	U
Q.2	Solve any four questions out of six.	16		
i)	Explain the steps of installing APCHE tomcat server?	4	CO1	Ap
ii)	What is the role of a callback function in performing a partial page update in an AJAX application?	4	CO4	Ap
iii)	Integrate how servlets work and its life cycle?	4	CO3	U
iv)	Interpret how exceptions are handled in Java script?	4	CO2	U
v)	Design simple calculator using PHP?	4	CO5	Ap
vi)	What is react state? Explain setState() method and getInitial State() method?	4	CO6	U

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Q.3	Solve any two questions out of three.	16		
i)	Being web developer you have been assigned a task to design a website where sellers can add their Electronics products to sell on an ecommerce platform. Consider the product details as Name, short name, description, price, manufacturing date, expiry date, stock, minimum quantity, maximum quantity. Design a screen to add the product using HTML5. Provide styling to the form using bootstrap?	8	CO1	An
ii)	Describe in detail about the AJAX architecture?	8	CO4	U
iii)	Write a PHP program that tests whether an email address is input correctly. Test your program with both valid and invalid email addresses?	8	CO5	U
Q.4	Solve any two questions out of three.	16		
i)	Explain "Window" object of JavaScript DOM. Write JavaScript code to change background color of the web page automatically after every five seconds?	8	CO2	Ap
ii)	Explain the concept of JSON with example?	8	CO3	Ap
iii)	Explain the components React Js with example?	8	CO6	Ap
