

SVKM'S NMIMS STME, Chandigarh Campus

Course BTECH[CSDS]

SEM: IV

Subject: Web Programming

Academic Year: 2024-25

Duration: 45 Minutes

Marks: 10

Date of Exam: 21/03/2025

SET: A

Course Code: 702AI0E005

Mid-Term Test-II

Note: Question 1 is compulsory; answer any two questions from the remaining questions.

Q1	Answer briefly :	
CO-01; SO-02; BL-03	<p>A company is developing an online registration form for a job portal. The form must include the following fields:</p> <ul style="list-style-type: none">• Full Name (Text)• Email (Email format validation)• Password (Minimum 8 characters)• Gender (Radio buttons)• Skills (Multiple checkboxes)• Resume Upload (File input) <p>Task:</p> <p>i. Create the HTML form structure with appropriate form elements.</p> <p>ii. Implement JavaScript validation to ensure all fields are filled, and email & password meet the requirements.</p>	[04]

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Note: Question 1 is compulsory; answer any two questions from the remaining questions.

Q1	Answer briefly :	
CO-02; SO-02; BL-03	<p>a. A hospital management system is developing an AngularJS-based patient appointment form.</p> <p>Task:</p> <p>i. Use AngularJS forms & validation to ensure the user enters valid Name, Contact Number, and Appointment Date.</p> <p>ii. Display an error message if any field is empty or incorrect.</p>	[04]
Q2 CO-02; SO-02; BL-03	<p>A travel agency wants to create a Flight Booking System where users:</p> <ul style="list-style-type: none">• Enter departure & destination cities• Select travel dates• Choose flight class (Economy, Business, First Class) <p>Task:</p>	[03]

	Q2 CO-02; SO-02; BL-03	<p>A university wants to create an AngularJS-based student dashboard that displays a list of enrolled courses with options to drop or add courses.</p> <p>Task:</p> <p>i. Use ng-model, ng-repeat to dynamically update the course list.</p> <p>ii. Display the updated list when a student adds or removes a course.</p>	[03]				i. Implement JavaScript validation to ensure all fields are filled and the departure date is not in the past.	
	Q3 CO-02; SO-02; BL-03	<p>A startup wants to develop a To-Do List Web App where users can:</p> <ul style="list-style-type: none"> • Add a task • Mark a task as completed • Remove a task <p>Task:</p> <p>i. Create a simple webpage with a list and buttons to add/remove tasks dynamically using JavaScript & DOM Manipulation.</p>	[03]		Q3 CO-02; SO-02; BL-03		<p>A blogging website is implementing an AngularJS-based blog post editor.</p> <p>Task:</p> <ul style="list-style-type: none"> • Use ng-model for two-way data binding to update a preview section while the user types. • Display the final content when the "Publish" button is clicked. 	[03]
	Q4 CO-02; SO-02; BL-03	<p>A fitness tracking app wants to develop a calorie counter where users can:</p> <ul style="list-style-type: none"> • Input the food item and calorie count. • Add multiple food items to a list dynamically. • Display the total calorie intake. <p>Task:</p> <p>i. Implement a JavaScript-based calorie tracker that updates the total calorie count whenever a user adds a new food item.</p>	[03]		Q4 CO-02; SO-02; BL-03		<p>Design a JavaScript (external file) program, to create an inventory form for Flipkart, an e-commerce site. The form should have 10 required fields, and the processing should be done in JavaScript. Implement a JavaScript function (submitForm) to validate and store the form data into an array (inventoryList). The form is statically created in HTML. Ensure the program generates warning alerts for any missing form fields.</p>	[03]

