



SVKM'S NMIMS
SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING

Academic Year: 2023-2024

Program: B.Tech / MBA Tech / BTech Integrated

Year: II / IV Semester: IV / VIII

Stream: Computer Engineering / CSE (Cyber) / CSE (DS) / Computer Science

Subject: Web Programming

Time: 3 hrs (10:00am to 1:00pm)

Date: 2/5/2024

No. of Pages: 4

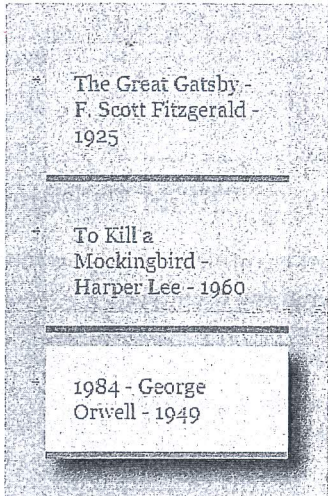
Marks: 100

Final Examination / RE-EXAM (2022-23)

Instructions: Candidates should read carefully the instructions printed on the question paper and on the cover of the Answer Book, which is provided for their use.

- 1) Question No. 1 is compulsory.
- 2) Out of remaining questions, attempt any 4 questions.
- 3) **In all 5 questions to be attempted.**
- 4) All questions carry equal marks.

Q1		Answer the following questions:	[20]
CO3 SO1,6,5,7 BL-6	a.	Create a Node.js file to demonstrate creation of database Employee DB and employee table (Eid, Ename, Designation, Salary) in MySQL. Also insert details of atleast 5 employees in it.	[10]
CO2 SO1,6,5,7 BL-6	b.	Write a HTML code to create a form to get Name, Email Id, Password, Gender, Mobile Number, Date of Birth, Address, Country of a user. Also include reset and submit buttons for resetting the form and form submission. Successful submission of the form should redirect to a webpage that displays the scrolling message "Form submitted Successfully". Use appropriate HTML fields.	[10]
Q2 CO2 SO1,6,5,7 BL-6	a.	<p>Create a list using HTML to feature a "New Arrivals" section on the homepage that showcases the latest book releases. Each list item in the list should include the following information Book Title, Author, Publication Year. Generate a list with atleast details of three books.</p> <p>The key styling features to be incorporated using CSS are -</p> <ol style="list-style-type: none"> 1. List Styling: <ul style="list-style-type: none"> • The list should have a cyan background color. • Each list item should have a padding of 20px. • The font size of the list should be 16px. • The list should be 200px in width. • The list should have bullets as "*" " 2. Text Alignment: <ul style="list-style-type: none"> • All text within the list should be aligned to the left. 3. List Item Styling: <ul style="list-style-type: none"> • Each list item should have a lightskyblue background color. • The text color should be a red shade with transparency of 0.89. • Each list item should have a 5 px solid border bottom with a color of #e709149f. • There should be a 10px margin between each list item. 	[10]

		<p>4. Hover Effect:</p> <ul style="list-style-type: none">When a user hovers over a list item, the background color of that item should change to light green and there should be a black color shadow effect to it.													
															
CO2 SO1,6,5,7 BL-6	b.	Write AngularJS code using contröller to store and display marks scored by a student in six subjects. Display the data in form of list.	[10]												
Q3 CO2 SO1,6,5,7 BL-6	a.	<p>Create following table by using directives, modules, controller and filters of Angular JS. Also sort the contents of the table based on First Name in ascending and descending order.</p> <table><tr><th>Firstname</th><th>Lastname</th><th>Age</th></tr><tr><td>Priya</td><td>Sharma</td><td>24</td></tr><tr><td>Arun</td><td>Singh</td><td>32</td></tr><tr><td>Sam</td><td>Watson</td><td>41</td></tr></table>	Firstname	Lastname	Age	Priya	Sharma	24	Arun	Singh	32	Sam	Watson	41	[10]
Firstname	Lastname	Age													
Priya	Sharma	24													
Arun	Singh	32													
Sam	Watson	41													
CO2 SO1,6,5,7 BL-6	b.	<p>Validate the form created in Q-1b) using JavaScript for following validations.</p> <ol style="list-style-type: none">Name should not be blank and should only contain letters (use regular expression)Email id should contain '@' and '.' (use regular expression)Password length should be 5 to 10 characters (use regular expression)Mobile number should consist of only digits and should be of length 10. (use regular expression)Atleast one radiobutton should be selected.	[10]												

Q4 CO2 SO1,6,5,7 BL-6	a.	Write a JavaScript program to create a simple math calculator using switch case. Take both the numbers and operation to be performed as input from the user.	[10]																														
CO2 SO1,6,5,7 BL-6	b.	<div>Demonstrate form validation using Angular JS of the following form.<div><div>HTML form</div><div><div>First name:</div><div>Last name:</div><div>E-mail:</div><div><div>Male</div><div>Female</div></div><div><div>Submit</div><div>Reset</div></div></div></div><div><ul style="list-style-type: none">• First name and last name should be required.• Email id should be in correct format• Radio button should be required.</div></div>	[10]																														
Q5 CO2 SO1,6,5,7 BL-6	a.	Write an AngularJS code to implement dependency injection using services to create a simple math calculator. Take both the numbers input from the user.	[10]																														
CO2 SO1,6,5,7 BL-6	b.	<div>Write HTML Code for following output. Do not use CSS.</div> <table><tr><th>Description</th><th>Qty</th><th>Price</th><th>Email account note</th></tr><tr><td>Email Account</td><td>10</td><td>\$9.90</td><td rowspan="6"><table><tr><td>Mailbox</td><td>10GB</td></tr><tr><td>Webmail</td><td>Yes</td></tr><tr><td>POP3</td><td>Yes</td></tr><tr><td>IMAP</td><td>Yes</td></tr><tr><td>Anti-Spam</td><td>Yes</td></tr></table></td></tr><tr><td>FYIcenter.com Ad</td><td>1</td><td>\$99.00</td></tr><tr><td>1-year Access</td><td>1</td><td>\$199.00</td></tr><tr><td colspan="2">Shipping</td><td>\$3.99</td></tr><tr><td colspan="2">Tax</td><td>\$15.99</td></tr></table> <div>Fig.1 : Online Order</div>	Description	Qty	Price	Email account note	Email Account	10	\$9.90	<table><tr><td>Mailbox</td><td>10GB</td></tr><tr><td>Webmail</td><td>Yes</td></tr><tr><td>POP3</td><td>Yes</td></tr><tr><td>IMAP</td><td>Yes</td></tr><tr><td>Anti-Spam</td><td>Yes</td></tr></table>	Mailbox	10GB	Webmail	Yes	POP3	Yes	IMAP	Yes	Anti-Spam	Yes	FYIcenter.com Ad	1	\$99.00	1-year Access	1	\$199.00	Shipping		\$3.99	Tax		\$15.99	[10]
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Email Account	10	\$9.90	<table><tr><td>Mailbox</td><td>10GB</td></tr><tr><td>Webmail</td><td>Yes</td></tr><tr><td>POP3</td><td>Yes</td></tr><tr><td>IMAP</td><td>Yes</td></tr><tr><td>Anti-Spam</td><td>Yes</td></tr></table>	Mailbox	10GB	Webmail	Yes	POP3	Yes		IMAP	Yes	Anti-Spam	Yes																			
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Webmail	Yes																																
POP3	Yes																																
IMAP	Yes																																
Anti-Spam	Yes																																
FYIcenter.com Ad	1	\$99.00																															
1-year Access	1	\$199.00																															
Shipping		\$3.99																															
Tax		\$15.99																															
Q6 CO3 SO1,6,5,7 BL-6	a.	Write a Node.js code to create a file and then read the contents of that file.	[10]																														
CO2 SO1,6,5,7 BL-6	b.	Write html and JavaScript code to create increment/decrement counter. When user hits add count button, increment the counter and When user hits delete count button, decrement the counter and in both cases display the value on the page using h1 tag with font size 50 pixels and font color red and it needs to keep changing dynamically on hit of any button.	[10]																														

Q7
CO2
SO1,6,5,7
BL-6

Design the following web page using HTML and CSS. The web page has a logo on the top left corner. The navigation bar on the top consists of the links Home, About, Travel, Blog and Contact Us. The content "America Amazing Tour" is displayed with an oval "Read More" button. Below that a section of "Find your tour" with a form is displayed with fields keywords (text field), category (dropdown list), min price, duration, date (date picker), max price and a search button.

Eforlad

Home About Travel Blog Contact Us

AMERICA AMAZING TOUR

Read More

Find Your Tour

Keywords	Category	Min Price
		00.0
Duration	Date	Max Price
Any		00.0

Search

[20]