Lab	Type	Practical
I.		**Client Side Scripting using JavaScript**
LAB-1	A A A B	1. WAP to make simple calculator using dialogue box. 2. WAP to concat two or more strings. 3. WAP to demonstrate the use of various inbuilt string functions like charAt(), charCodeAt(), startsWith(), endsWith(), includes(), indexOf(), lastIndexOf(), match(), repeat(), replace("", ""), search(), split(), substr(start, length), substring(start, end), toString(), trim(). 4. WAP to explore more inbuilt string functions like slice(), toLowerCase(), toUpperCase(), valueOf(), fromCharCode().
LAB-2	A A A A B	5. WAP to check whether the given no. is prime or not. 6. WAP to find the factorial of given number. 7. WAP to print the Fibonacci series of a number. 8. WAP to check whether the given number is palindrome or not. 9. WAP to print prime numbers between the two given numbers.
LAB-3	A A A B B	10. WAP to print sum of first 'n' Natural number (sum =1 + 2 + 3+ … +n). 11. WAP to check whether the given number is Armstrong or not. 12. WAP to print the factors of given number. 13. WAP to print the GCD of two number. 14. WAP to print LCM of two numbers.

LAB-4	A	15. WAP in JavaScript to print following patterns:
		
		<pre>***** ***** * *****
		***** * * ** ****
		***** * * *** ***
		***** * * **** **
		***** ***** ***** *
		 (a) (b) (c) (d)</pre>

LAB-5	A A A B	16. WAP to create an array of countries, read values of an array from user and print it. 17. WAP to read a numeric array from user and find maximum number from it. 18. WAP to demonstrate use of various inbuilt function on an array like push, pop, sort. 19. WAP to read an array from user and sort them in ascending order (without using inbuilt function).

II.		Interactive Web Page design using JavaScript and jQuery
LAB-6	A	20. WAP to prepare student registration form and validate it using JavaScript.
	A	21. WAP using HTML, CSS, JavaScript to design simple calculator with GUI.
	B	22. WAP using HTML, CSS, JavaScript to design advance calculator with GUI.
LAB-7	A	23. WAP to change background color on click of button.
	A	24. WAP for following effect: If the mouse is over heading, change font color to "red" and if the mouse goes out of the heading change it to "black".
	A	25. WAP to print current date and time on click of "Date and Time" button.
	B	26. WAP to recognize which mouse event is fired.
	B	27. WAP to recognize which keyboard event is fired.
LAB-8	A	28. WAP to design a form using HTML and JavaScript that asks the user to enter his date of birth and on clicking the Calculate Button it calls the function that calculates how many days are left in your birthday.
	A	29. WAP to greet a user as per the current time. E.g. if anyone opens page at 08:00 am it should greet GOOD Morning.
	A	30. WAP to demonstrate callbacks in JavaScript.
	B	31. WAP to demonstrate change in properties of HTML element using JavaScript.
LAB-9	B	32. WAP using HTML, CSS, JQuery to design simple calculator with GUI.
	A	33. WAP to demonstrate Effects in JQuery.
	A	34. WAP to demonstrate DOM Manipulation in JQuery.
	A	35. WAP to demonstrate Traversing in JQuery.
III.		Introduction to PHP
LAB-10	A	36. WAP to check whether the given number is odd or even.
	A	37. WAP to check whether the given number is positive, negative or Zero.
	A	38. WAP to print name of month based on given number of month (i.e. 1 -> January, 2 -> February…).
	A	39. WAP to find greatest number from 3 number.
	B	40. WAP to check given number is palindrome or not.
LAB-11	A	41. WAP to print class of result based on percentage using switch statement (i.e. less than 40% -> Fail, 40% to 50% -> Pass Class, 50% to 60% -> Second Class, 60% to 70% -> First Class, above 70% -> Distinction).
	A	42. WAP to print first n numbers using for, while and do while loop.
	A	43. WAP to print first n odd numbers using for, while and do while loop.
	B	44. WAP to print Fibonacci series up to n number.

LAB-12	A	45. WAP to print table of 10 using for loop.
	A	46. WAP to print following patterns:
		``` * *```
		``` ** * *```
		``` *** * * *```
		``` **** * * * *```
		``` ***** * * * * *```
		(a) (b)
		``` 1 1```
		``` 2 3 2 2```
	A	``` 4 5 6 3 3 3```
		``` 7 8 9 10 4 4 4 4```
		(c) (d)
		``` 5 *```
		``` 54 * *```
		``` 543 * * *```
		``` 5432 * *```
		``` 54321 *```
		(e) (f)
		47. WAP to print the elements of an array using foreach loop.
LAB-13	A	48. WAP to create numeric array and print it.
	A	49. WAP to create associative array and print it.
	A	50. WAP to create multidimensional array and print it.
	B	51. WAP to sort given array in descending order.
LAB-14	A	52. WAP to demonstrate the use of various array function on an array.
	A	53. WAP to create user define function for print your name (without argument) and call it.
	A	54. WAP to create user define function for print name (with argument) and call it 5 times with different names as an argument.
	A	55. WAP to create user define function for adding two numbers and return answer and use it to find addition of two numbers and print answer.
	B	56. WAP to print all Armstrong number between two given numbers.
LAB-15	A	57. WAP to calculate sum of first n numbers using recursion.
	A	58. WAP to calculate factorial of a number using recursion.
	A	59. Demonstrate the use of PHP in webpage design for partition of page into different section like header, footer, sidebar, main content, etc.
	B	60. Design static website for a college use PHP to reuse code of navigation bar and footer in each page.

IV.		Form Processing and Session management
LAB-16	A	61. Design a student registration form and retrieve data in controller page using following Method: GET, POST, and REQUEST.
	B	62. Design a employee registration form and retrieve data in controller page using following Method: GET, POST, and REQUEST.
LAB-17	A	63. Implement server side validation on student registration form using PHP.
	B	64. Implement server side validation on employee registration form using PHP.
LAB-18	A	65. Create a webpage which accepts a file and upload it in specified folder on server.
	B	66. Design a profile page which allow to change profile picture dynamically.
LAB-19	A	67. Create static login application using session in PHP.
	A	68. Create static login application using cookie in PHP.
V.		Database programming using PHP
LAB-20	A	69. Implement Insert and Delete database operation on students table from webpage using PHP.
	B	70. Implement Insert and Delete database operation on employees table from webpage using PHP.
LAB-21	A	71. Implement Select and update database operation on students table and display it on webpage using PHP.
	B	72. Implement Select and update database operation on employees table and display it on webpage using PHP.
LAB-22	A	73. Implement complete login application using PHP, also use cookie to provide remember me functionality.
LAB-23	A	74. Implement CRUD operations on students table using prepared statement in PHP
	A	75. Implement CRUD operations on students table using stored procedure in PHP
VI		MINI PPROJECT