Sr. No.	unit_number	question_text	answer_text	marks	option1	option2	option3	option4
450	7	Which of the following is correct code to render toggle switch in Bootstrap form?	<div class="form-check form-switch"><label> <input type="checkbox" class="form-check-input" checked/>ON/OFF</label> </div>	1	<div class="form-check form-switch"><label> <input type="checkbox" class="form-check-input" checked/>ON/OFF</label> </div>	<div class="form-check form-toggle"><label> <input type="checkbox" class="form-check-input" checked/>ON/OFF</label> </div>	<div class="form-check form-switch"><label> <input type="radio" class="form-check-input" checked/>ON/OFF</label> </div>	<div class="form-check form-switch"><label> <input type="checkbox" class="form-check" checked/>ON/OFF</label> </div>
451	7	Write a script to design 2 sections horizontally in a row. One section is having a title and paragraph, 2nd section has a definition list of 3 things.		3				
452	7	Write a script to pop up a dialog box on clicking a button. Dialog box must have a title, a message of "Submitted successfully", X button in header to close dialog and one separate "Close" button in footer to close it.		5				
453	7	Which classes are used in the dynamic pill navbar?	nav-pills, data-bs-toggle="pill"	1	nav-pills , data-bs-toggle="pills"	navbar-pills, data-bs-toggle="pill"	nav-pills, data-bs-toggle="pill"	nav-pill, data-bs-toggler="pills"
454	7	Write an HTML using bootstrap-5 to create navigation bar in which all navigation item should be displayed in pill form and when user clicks on a navigation item then content associated with that navigation link will be displayed		4				
455	7	Write a HTML script using bootstrap to render a responsive navigation of links,which shown an additional icon,if width of device goes<992px and navigation items should disappear.		4				
456	7	Write a Script using bootstrap to create a navbar in which ,When we click on the link it automatically scrolls down to the currently active element.		4				
457	7	Write an HTML script using bootstrap to design a page of newspaper having three articles by showing only titles initially. Script should enable a render to open a particular article viewing and clicking its title and close it by clicking it again. if render opens any other article, then previous article should disappear.		5				
458	7	Which of the following class we have to add for vertical navigation?	flex-column	0.5	flex-row	flex-column	flex-tuple	Both A and B
459	7	Write an HTML using bootstrap-5 that create vertical flex box in which item will be displayed in reverse order.		2				
460	7	Which of the following is the correct syntax of creating a standard navigation tab?	<ul class="nav nav-tabs">	0.5	<ul class="navigation nav-tabs">	<nav class="nav-item tabs">	<ul class="nav nav-tabs">	<ul class="navigation tabs">
461	7	Which of the following class will be used to put a divider between two nav items in a dropdown?	dropdown-divider	0.5	optgroup	dropdown-header	dropdown-footer	dropdown-divider
462	7	Which of the following class is used to create a navbar with icon	navbar-brand	1	navbar-brand	nav-img	navbar-img	navbar-icon
463	7	Which of the following set of classes denotes bottom indicators,slide show and arrow buttons for Bootstrap carousel respectively?	carousel-indicators,carousel-item,carousel-control-prev-icon		carousel-control-indicators,carousel-inner,carousel-control-prev-icon	carousel-indicators,carousel-control-inner,carousel-control-next-icon	carousel-indicators,carousel-item,carousel-control-prev-icon	carousel-control-indicators,carousel-item-slide,carousel-control-prev-icon
464	7	Which attribute is used in <button> or <a> to create dialog box?	data-bs-toggle="modal"	0.5	data-bs-toggle="modal"	data-toggle="modal"	data-bs-toggle="dialog"	data-toggle="dialog"
465	7	To create standard navigation bar horizontally which of the following is the correct syntax?	<nav class="navbar" >	0.5	<nav class="navbar" >	<nav class="navbar-nav">	<nav class="navbar-nav navbar-expand-sm">	<nav class="nav navbar-expand-sm">
466	7	Which of the following class is/are used for the alignment of nav?	.justify-content-end	1	.justify-content-right	.justify-content-left	.justified-content-center	.justify-content-end
467	7	Write a script to create 3 sections using flex classes. Add random data into it. Arrange these sections vertical gradually if screen size goes small using suitable class using wrap related class.		2				
468	7	Write HTML script using bootstrap to create an image slide show having arrow button to move on previous and next slides. Also put links to jump on random slides.		4				
469	7	Design a following form using bootstrap. Once user click on a submit button one dialog box should open with confirmation message like "Do you want to login?" with close button. Dialog box contain header, body & footer part. Username: Password: Submit Reset		5				
470	7	Write an HTML using bootstrap-5 to make a set of a slide show of any three random images with buttons having a caption. It must have buttons to jump on next/previous slides also.		3				
471	7	Which of the following class be used to put a header between two items in a dropdown?	dropdown-header	0.5	dropdown_header	dropdown-border	dropdown-header	drop-header
472	7	which of the following class is used to wrap the flex items when browser width decrease?	flex-wrap	1	wraping	warp	no-warp	flex-wrap
473	7	Write an HTML using bootstrap-5 to create navigation link in which all navigation item should be displayed in dynamic and toggleable tabs form and when user clicks on a navigation item then content associated with that navigation link will be displayed.		5				
474	7	Which of the following is a tier of Bootstrap-5 but not Bootstrap-4?	xxl	1	sm	xs	lg	xxl
475	7	Bootstrap 5 often specifies fonts and border sizes in terms of REMs. What is a REM equal to?	16 pixels	1	12 pixels	16 pixels	1 pixel	.01 sievert
476	7	_____class we have to add in ___element to create a simple horizontal menu?	nav,ul	1	nav,ul	ul,nav	ol,nav	None of these
477	7	Which of the following class we have to add in a code for creating link as navigation item in bootstrap-5?	nav-link	1	nav-item	nav	nav-link	None of these
478	7	Which of the following class is/are use for the alignment of nav?	A and C both	1	justify-content-center	justify-content-right	justify-content-end	A and C both
479	7	Links are turned to navigation tabs using which of the following class?	nav-tabs	1	nav	nav-item	nav-tabs	nav-links
480	7	Links are turned to navigation pills using which of the following class?	nav-pills	1	nav-pills	nav-item	nav-tabs	nav-links
481	7	Which of the following is an attribute in bootstrap-5?	data-bs-toggle	1	nav-item	data-bs-toggle	data-ds-toggle	nav
482	7	Which class will be used to add white text colors to all links in navbar?	navbar-dark	1	navbar-dark	navbar-light	dark-navbar	light-navbar
483	7	Which class will be used to add black text colors to all links in navbar?	navbar-light	1	navbar-dark	navbar-light	dark-navbar	light-navbar
484	7	Which of the following class is used to disable a link in nav?	disabled	1	disabled	disable	enable	enabled
485	7	Which of the following class will be used for get proper form styling for textual <input> and <textarea>	form-control	1	form-style	form-control	form-divider	None of these
486	7	which of the following will be used If you want your form elements to appear side by side?	class="row",class="col"	1	class="row",class="col"	class="row"	class="col"	None of these
487	7	If you want your checkbox to be styled as a toggle switch, then which class will be used with which container?	form-switch,form-check	1	form-switch,form-check	form-switched,form-checked	Both A and B	None of these
488	7	Which of the following class will be used with from to show what is missing before submitting the form?	was-validated	1	needs-validated	was-validated	valid-feedback	None of these
489	7	Which of the following are components of Modal?	All of these	1	modal-hedaer	modal-footer	modal-body	All of these
490	7	The plugin used to create a cycle through elements as a slideshow is -	carousel	1	slideshow	scrollspy	carousel	None of these
491	7	Which of the following class is used to create a carousel?	carousel	1	carousel	carousel-indicators	carousel-extern	None of these
492	7	Which attribute should be mentioned for the element that should be used as a scrollable area.	data-bs-spy="scroll"	1	data-bs-spy="scroll"	data-bs-spy="dropdown"	data-bs-toggle="scroll"	None of these
493	7	Which of the following valid classes are used to change the alignment of flex items?	All of these	1	justify-content-center	justify-content-between	justify-content-around	All of these
494	7	How many grid tiers, over which Bootstrap's layout system can adapt, are available in version 5?	6	1	4	5	6	12
495	7	Create an alert using different contextual classes like alert-success,alert-info etc..,		2				
496	7	Write an HTML code using bootstrap to implement carousel.		5				
497	7	Write an HTML script using bootstrap-5 to validate a form after clicking the submit button.		3				
498	7	Write an HTML code using bootstrap-5 to create a dark navigation bar with white color navigation link and center aligned.		3				
499	7	Write an HTML code using bootstrap-5 to create a navbar in which one of the navigation item has dropdown menu		5				
500	7	create an alert box or warning box which has title with character entity to dismiss alertbox and content and close button.		3				
501	7	create horizontal flex box in which item will be displayed in reverese order.		2				

Sr. No.	unit_number	question_text	answer_text	marks	option1	option2	option3	option4
502	7	Create responsive flexbox which wraps the content according to screensize.		1				
503	7	Write a script to design a login form with basic validations. Form has fields for email, password, remember me option, submit & reset buttons. Email and password must not be blank and print valid/invalid message while entering inputs using Bootstrap classes.		3				
504	7	Design a form with following fields: Username,password,Address,Gender,Address,toggle switch also validate the form before submitiing the form and each and every field is mandatory.		5				
505	7	Write an HTML Script using bootstrap to automatically update links in a navigation list based on a scroll position.		5				
506	7	How to make a navbar collapsible, so that it hides itself once width goes less than specified width.		5				
507	7	Design a web page with Bootstrap to make a set of advertisements moving like a slide show. It must have buttons to jump on next/previous slides and to jump on random slides.		5				
508	7	Write an HTML script using bootstrap-5 to validate a form before clicking the submit button.		3				
509	7	How to set image of brand/logo in navbar? Write script for it.		5				
510	7	How to make a customised alert box using Boostrap?		5				
		Chap-8: Introduction to Javascript						
511	8	What will be the output of following code of JS,if cancel button is pressed after entering some integer value? `<script type="text/javascript">` `ret=prompt("enter your input");` `document.write(ret);` `</script>`	null	0.5	NaN	Entered integer	null	0
512	8	Identify the output. str="ABCXYZPQRJKL"; console.log(str.substring(2,9).substr(1,3));	XYZ	1	CXYZPQR	PQR	JKL	XYZ
513	8	Identify output, if a=20 and b=3 is entered while prompting values. a=prompt("Enter first value"); b=prompt("Enter second value"); console.log(a%b);	2	1	null	NaN	2	undefined
514	8	Write a JS to solve following series by given x and n values from user: $1-x+x^2-x^3+x^4-x^5+…+x^n$		5				
515	8	Which JavaScript inbuilt function is used to find the index of a substring in a string?	str.indexOf()	0.5	str.indexOf()	str.substr()	str.substring()	str.slice()
516	8	What does the prompt() method return?	The user's input as a string	0.5	The user's input as a number	The user's input as a string	The user's input as a double	The user's input as an int
517	8	What is the output of the following JavaScript code? console.log(2+2+"2" + 2 + 2)	4222	1	22222	2224	10	4222
518	8	Create a function that takes an array of objects (groceries) which calculates the total price and returns it as a number. A grocery object has a product, a quantity and a price.		5				
519	8	Write java script program to check occurrence of a given character in to string entered by user. (For ex., If you check the number of occurrences of 'o' in the string 'school', the result is 2.)		4				
520	8	what will be the output of following function call in Javascript? Str="JS is part of WEB TECHNOLOGY"; document.write(Str.charCodeAt(14));	87	0.5	119	W	87	32
521	8	What will be the output of the following code snippet? var a = true + true + true * 3; console.log(a)	5	0.5	3	0	error	5
522	8	Which one of the following is correct output for the following given code: `<script>` var a=3; var b=a++; var c=++a; document.write(a,b,c); `</script>`	535	1	452	453	535	error
523	8	what will be the output of following Javascript code? `<script>` a="This"+50+80+"Is"+"Demo"+"of"+100; document.write(a); `</script>`	This5080IsDemoof100	1	This50IsDemoof100	This5080Demoof100	This5080IsDemo100	This5080IsDemoof100
524	8	what will be the output of following JS code? s1=10+20+"javascript"+40+50+"example"+60; document.write(s1); `</script>`	30javascript4050example60	1	1020javascript4050example60	1020javascript90example60	30javascript90example60	30javascript4050example60
525	8	Write java script function to find factorial of number entered by user.		4				
526	8	What will be the output of following function call in Javascript? str="This is FSD-1 Paper"; document.write(str.charAt(9))	"S"	0.5	81	83	"F"	"S"
527	8	What will be the output of the following code? function fun(le) { a=2; for(i=0;i<le;i++) { document.write(a); } } fun(3);	222	0.5	2	3	22	222
528	8	What will be the output of the following code? (function(a) { return (function( ) { document.write(a); a=5; }) ( ) })(10);	10	1	5	10	15	NaN
529	8	what will be the output of following Javascript code? `<script>` function Fun() { ans=Math.abs(-3.25); return ans; } document.write(Fun()) ; `</script>`	3.25	1	-3	-3.25	3	3.25
530	8	Which of the following is the correct output for the following JavaScript code: `<script>` var x=3; var y=2; var z=0; if(x==y) document.write(x); else if(y==z) document.write(y); else document.write(z); `</script>`	0	0.5	compilation error	runtime error	0	1

Sr. No.	unit_number	question_text	answer_text	marks	option1	option2	option3	option4
531	8	What will be the output of the following code snippet? <script type="text/javascript"> a = 5 + "9"; document.write(a); </script>	59	0.5	compilation error	runtime error	0	59

532	8	Which one of the following is correct output for the following given code:
		const number = undefined + 11;
		if (number === NaN) {
		 console.log("NaN");
		} else if (number === 11) {
		 console.log("11");
		} else {
		 console.log("other");
		}
			other	1	11	NAN	other	error

533	8	<script type="text/javascript">
		str=10+20+30+"ThisIs"+"Demo"+40+50;
		document.write(str);
		</script>
			60ThisIsDemo4050	1	60ThisIsDemo90	60ThisIsDemo4050	102030ThisIsDemo4050	102030ThisIsDemo90

534	8	Write a JavaScript to accept a number from user & check whether it is Armstrong number or not. (Hint: Armstrong number means the summation of cubes of all the three digits of the number should be exactly to the number) E.g., 153= (1*1*1) +(5*5*5) +(3*3*3)		3				

535	8	What will be the output of the following code snippet?
		<script type="text/javascript" language="javascript">
		var a = "Scaler";
		var result = a.substring(2, 4);
		document.write(result);
		</script>
			al	0.5	al	ale	cal	caler

536	8	What is the output of the following code snippet? <script> var arr = ['a', 'b', 'c']; for(var i = 0; i < arr.length; i++) { document.write(arr[i]); } </script>	a b c	0.5	a b c	c b a	a c b	b a c
537	8	Which of the following is not a JavaScript data type?	Float	0.5	string	boolean	array	Float
538	8	What is the output of following javascript code? <script> var x="hello"; var y="world"; document.write(x+" "+y); </script>	"hello world"	0.5	"hello"	"world"	"hello world"	undefined
539	8	Which of the following JavaScript string methods returns a new string with all occurrences of a specified substring replaced with another substring?	replace()	0.5	slice()	substr()	substring()	replace()

540	8	The following web page is loaded into a web server:
		<html>
		<head><title>JavaScript question</title></head>
		<body>
		<script language="JavaScript">
		book = new Array(1,2,3,4,5,6,7,8);
		document.write(book[1]+"<br>");
		book[10]=10;
		document.write(book[10]);
		</script>
		</body>
		</html>
		Once the above web page is loaded what will its body contain?
			2
			10
				0.5	2
					10
						1
						10
							110	Only print 10

541	8	What will be the output of the following code snippet? <script> for(var i = 10; i > 0; i--) { document.write(i+" "); } </script>	10 9 8 7 6 5 4 3 2 1	1	0 1 2 3 4 5 6 7 8 9 10	10 9 8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8 9 10	0
542	8	What will be the output of the following code snippet? <script> var i = 1; while (i <= 5) { document.write(i * 2+" "); i += 2; } </script>	2, 6, 10	1	2, 4, 6, 8, 10	1, 3, 5, 7, 9	2, 6, 10	1, 2, 3, 4, 5
543	8	Choose the correct snippet from the following to check if the variable "a" is not equal the "NULL":	if(a!==null)	1	if(a!==null)	if (a!)	if(a!null)	none of above

544	8	See the given code of JavaScript and choose the correct output from the following:
		
		function comparing()
		{
		x=9;
		y=9;
		if(x==y)
		return true;
		else
		return false;
		}
		console.log(comparing());
			TRUE	1	compilation error	FALSE	runtime error	TRUE

545	8	What will be the output of the following JavaScript code?
		
		function comparison()
		{
		number=10;
		if(number=="10")
		return true;
		else
		return false;
		}
		console.log(comparison());
			TRUE	1	TRUE	FALSE	runtime error	compilation error

546	8	What will be the output of the following JavaScript code?
		
		<script>
		var string1=[1,2,3];
		
		var string2=[4,5,6,7,8,9,10];
		var result=string1.concat(string2);
		document.writeln(result);
		</script>
			It will concatenate both the stings and print as 1, 2, 3, 4, 5, 6, 7, 8, 9 ,10	1	1, 2, 3	Error	It will concatenate both the stings and print as 1, 2, 3, 4, 5, 6, 7, 8, 9 ,10	It will print nothing

547	8	What will happen, if the following JavaScript code is executed?
		
		var count =0;
		while (count <10)
		{
		 console.log(count);
		 count++;
		}
			The value of count from 0 to 9 is displayed in the console	1	An error is displayed	An exception is thrown	The values of count variable are logged or stored in a particular location or storage	The value of count from 0 to 9 is displayed in the console

548	8	What will be the output of the following code snippet?
		
		var a = Math.max();
		var b = Math.min();
		console.log(a);
		console.log(b);
			-infinity infinity	1	-infinity infinity	null	0 0	error

549	8	What will be the output of following?
		
		<script>
		 s="this is T4 !"
		 console.log(s.endsWith("T4!",12));
		 console.log(s.substring(3,7));
		</script>
			false
			s is
				1	true
					s i
						false
						s is
							false
							is
								false
								sis

550	8	Write a javascript to accept a number to check whether it is greater than 100 or not?		3				
551	8	Write a JAVAScript to take 2 digit number and then separate these 2 digits, then multiply first digit by itself for second digit times.(for example, 23 should be separated as 2 and 3. 3 should multiply with itself 3 times).		3				

Sr. No.	unit_number	question_text	answer_text	marks	option1	option2	option3	option4
552	8	State true or false and justify your answer : "Java Script is untyped language.		3				
553	8	Write a JAVAScript to print characters of a string at odd positions.(for example for the string India, I, d and a should get printed).		4				
554	8	Write Java Script for find first 10 prime numbers		7,4				
555	8	Write a JavaScript that uses function to calculate how many days are left in your birthday?		4				
556	8	Write a program using Java Script, which sorts elements of an array in descending order.		7				
557	8	Write a JavaScript program to print first N odd numbers divisible by 7		7				
558	8	Write a function that takes 3 parameters, price, tax rate, balance, and prints yes in an alert box if someone has adequate balance to purchase an item at the specified price with the given tax rate. Otherwise, print out no in an alert box		3				
559	8	Write an HTML and JavaScript program which accepts N as input and print first N odd numbers		4				
560	8	Write a JavaScript to check input string is palindrome or not.		7				
561	8	Write JavaScript code to print following pattern. 1 0 1 1 0 1 0 1 0 1 1 0 1 0 1		7				
562	8	Write java script function to find maximum value among three different value entered by user		4				
563	8	Write aJavaScript program which accepts N as input and print N Fibonacci numbers as list.		7				
564	8	Write a JS to print all number from 1-100 by adhering following condition: print only those number whose reverse of square and square of reverse are same. For ex. **Square(12)=144, Reverse(144)=441** and **Reverse(12)=21,Square(21)=441.** so, final results of both the cases are same.Print all numbers following these cases between 1-100.		5				
565	8	write a JS to find that given no. is lucky number or not. i.e. Given no is lucky if sum of all its digit is equal to 1. for ex. 7777 = 7+7+7+7 = 28 => 2+8=10 => 1+0=1		5				
566	8	Write a JS to check that given no. is perfect no. or not. For ex. 6 is a perfect no., bcoz the factors of 6 are 1,2,3 & 6. So addition of all factors excluding no. itself is 6. So it is a perfect no. Likewise 28 is also a perfect no.		5				
567	8	write a JS that find position of first occurance of vowel "a" and last occurance of vowel "a" in given word.return the string between them.for ex:- string is- "ajanta"		5				

568	8	Write JavaScript code of following tasks(1 & 2).
		1.Write java script program to check occurrence of a given character in to string entered by user.
		(For example : If you check the number of occurrences of 'o' in the string 'school', the result is 2.)
		
		2.Write a JS that find position of first occurrence of vowel "a" and last occurrence of vowel "a" in given word. Return the string between them.
		(For example: string is- "ajanta")
		
		3.What will be the output of below code?
		
		var a=5;
		var b=a++;
		let c=--b;
		c = ++a;
		document.write(a,b,c);
				5				

		Chap-9: Advance Javascript						
569	9	Which of the following string cannot be accepted from given regular expression? pat=/^\w*\d+$/;	-9	1	_9	100	-9	A_9
570	9	_____ method helps to fetch character on an ASCII value of pressed key.	String. fromCharCode (e.keyCode)	0.5	String.charCode(e.keyCode)	String.fromKeyCode(e.keyCode)	String.getCharCode(e.keyCode)	String.charValue(e.keyCode)
571	9	Choose the correct JavaScript syntax to change the content of the following HTML code. <p id="fsd">Full Stack Development</p>	document.getElementById("fsd").innerHTML= "Full Stack Developer ";	0.5	document.getElement("fsd").innerHTML= "Full Stack Developer ";	document.getElementById("fsd").innerHTML= "Full Stack Developer ";	document.getElementId("fsd").innerHTML = "Full Stack Developer ";	document.getElementByID("fsd").innerHTML= "Full Stack Developer ";

572	9	**Identify error/output on button click.**
		<script>
		function showcommentform()
		{
		    var data="new data";
		    document.getElementById('mylocation').innerHTML=data;
		}
		</script>
		<form name="myForm">
		    <input type="button" value="comment" onclick="showcommentform()">
		    <div id="mylocation"></div>
		</form>
			new data	1	data	mylocation	comment	new data

573	9	Which one of the following is correct output for the following given JavaScript code: <body> <p id="demo"></p> <script type="text/javascript"> var txt1 = "Fullstackdevelopment_"; var txt2 = "Javascriptmcq"; document.getElementById("demo").innerHTML = txt1 + txt2; </script></body>	Fullstackdevelopment_Javascriptmcq	0.5	Javascriptmcq	Fullstackdevelopment_	Fullstackdevelopment_Javascriptmcq	error

574	9	What will be the output of the following JavaScript code?
		<body><script>
		function getmethod()
		{
		 num=document.getElementById("p1").value;
		 alert(Math.pow((num*num*num),2));}
		</script>
		<form>
		 Enter No:<input type="text" id="p1" value="2" name="number"/>
		
		 <input type="button" value="Click" onclick="getmethod()"/>
		</form></body>
			64	1	8	48	2	64

575	9	Consider one <table> object named "t1" in DOM and following function: check() function is called on a button click. What happens after button click?
		function check()
		{
		        t1.innerHTML="Thanks";
		        t1.bgColor="red";
		        t1.style.border="20px solid blue";
		}
			All previous cells disappear and only one cell remains having text "Thanks", border turns blue and background also turns to red	1	All cells of table will be as it is, border turns blue and background turns red	All previous cells disappear and only one cell remains having text "Thanks" and no change in border or background	All previous cells disappear and only one cell remains having text "Thanks" and only border turns blue	All previous cells disappear and only one cell remains having text "Thanks", border turns blue and background also turns to red

576	9	**Write a JavaScript that handles following mouse events. Add necessary elements.** **(i)**JavaScript gives the key code for the key pressed. **(ii)**If the key pressed is "a","e","i","o","u", the script should announce that vowel is pressed. **(iii)**When the key is released background should change to blue		5				

Sr. No.	unit_number	question_text	answer_text	marks	option1	option2	option3	option4
577	9	Write a JS to copy contents of textfield to a paragraph in lowecase after entering string and losing the focus. Background of textfield should be converted to red after losing focus.		2				
578	9	Write a JavaScript that handles following form events. Add one input field. (i)If the field is in focus change its background color to red. (ii)Change text to uppercase only when the value of a field is changed.		2				
579	9	Design a registration form with username and password and email fields using HTML and JavaScript. Perform following validations. (i) Username field: minimum length5 and maximum length 10 characters, it should not start with special charcters (ii) Password field: it must contain at least one digit and at least one special character (iii)Email field: it must follow proper email syntax(for ex., xyz.pqr@mnp.co.in)		4				
580	9	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?		4				
581	9	The '$' present in the Regular Expression is called a _____	metacharacter	0.5	character	matcher	metacharacter	metadata
582	9	_____event is triggered when control lost its focus.	onblur	0.5	onchange	onfocus	onsubmit	onblur
583	9	Write a JavaScript that uses function to calculate days left until next Christmas using JavaScript.		2				
584	9	What does /[^(]*/ regular expression indicate?	Match zero or more characters that are not open parenthesis	0.5	Match zero or more characters that are not open parenthesis	Match zero or one characters that are not open parenthesis	Match one or more characters that are not open parenthesis	Match one or more characters that are open parenthesis

585	9	Which one of the following is correct output for the following given JavaScript code:
		`<p id="demo"></p>`
		`<script>`
		`function ourFunction()`
		`{`
		`document.getElementById("demo").innerHTML=Math.abs(Math.floor(Math.pow(-7.25,2)));`
		`} ourFunction() ;`
		`</script>`
			52	1	-52.5625	52	-7.25	52.5625

586	9	Choose the correct JavaScript syntax to change the background-color & font-style of the following HTML code. `<p id="fsd">Full Stack Development</p>`	document.getElementById("fsd").style.backgroundColor="red"; document.getElementById("fsd").style.fontStyle="italic";	1	document.getElementById("fsd").style.backgroundcolor="red"; document.getElementById("fsd").style.fontStyle="italic";	document.getElementById("fsd").style.backgroundcolor="red"; document.getElementById("fsd").style.style="italic";	document.getElementById("fsd").style.backgroundColor="red"; document.getElementById("fsd").style.style="italic";	document.getElementById("fsd").style.backgroundColor="red"; document.getElementById("fsd").style.fontStyle="italic";
587	9	Write a JavaScript to handle following mouse events. i.If mouse clicked on heading, content of heading changed to "Hello World" with italic effect & 50px size. ii.If button named red is clicked then heading should change to red color & button named blue is clicked then heading should change to blue color.		3				
588	9	Design an HTML form & write JavaScript code to validate the Name, Phone Number & E-mail address using Regular Expression. Name only allows letters & underscore; Phone number only allows digits & E-mail address allow all type of combination except only special character.		4				
589	9	Which of the following options correctly demonstrates using getElementById to change the text of an HTML element with the ID "myElement" to "Hello World!"?	document.getElementById("myElement").innerHTML = "Hello World!";	1	getElementById("myElement").innerHTML = "Hello World!";	getElementById("myElement").textContent = "Hello World!";	getElementById("myElement").innerText = "Hello World!";	document.getElementById("myElement").innerHTML = "Hello World!";
590	9	Write down java script code to check mobile number (mobile number should start with 9 or 8) and mail id (check @ and .)		3				
591	9	Write a JavaScript that handles following mouse events. Add necessary elements. (i)If the mouse is over the heading, heading should change its text and color red and if the mouse goes out of the heading the text should return with same text as before and color should turn black. (ii) If mouse button is pressed, background color should be black. If mouse button is released up, background color should be cyan.		5				
592	9	Write a JavaScript that handles following mouse events. Add necessary elements. (i) If the mouse is over the heading, heading should turn yellow and if the mouse goes out of the heading it should turn black. (ii) If find time button is clicked show time and date information. If button named "red" is clicked, background should change to red and If button named "green" is clicked, background should change to green.		4				
593	9	Design a login form using HTML & JavaScript with following validations on username and password fields. 1. Password length must be 6 to 12 characters 2. Username should not start with _, @ or number. 3. Both should not be blank.		4				
594	9	If para1 is the DOM object for a paragraph, what is the correct syntax to change the text within the paragraph?	para1.innerHTML="New Text";	1	"New Text"?	para1.innerHTML="New Text";	para1.firstChild.nodeValue= "New Text";	para1.nodeValue="New Text";
595	9	What will be the output of the following JavaScript code? `function getcube()` `{` `    var number=document.getElementById("number").value;` `    alert(number*number*number);` `}` `<form>` `  Enter No:<input type="text" id="number" value="3" name="number"/> ` `    <input type="button"  value="ok" onclick="getcube()"/>` `</form>`	27	2	9	27	Error	Undefined
596	9	Which of the following method(s) is/are used to access HTML elements using Javascript?	Both A and B	1	getElementbyId()	getElementsByClassName()	Both A and B	None of the above
597	9	When is the mouseover event fired?	When mouse is moved over a new element	1	When mouse is moved over a new element	When mouse is clicked	When mouse is both moved and clicked	None of the mentioned
598	9	Which of the following methods can be used to display data in some way using Javascript?	All of the above	1	document.write()	console.log()	window.alert()	All of the above
599	9	Which object is passed as the argurment to handlers for keydown,keyup, and keypress events?	event	1	event	Key event	Mouse event	Alphabet Event
600	9	Which of the following is the correct event handler to detect a mouse click on a link?	onclick	1	onmouseup	onlink	onclick	None of the above
601	9	What is the purpose of data format validation?	Data correctness	1	Data correctness	Mere data existence	Both a and b	None of the mentioned
602	9	Consider the following JavaScript statement containing regular expressions and check if the pattern matches? var text = "testing: 1, 2, 3"; var pattern = /\d+/g;	pattern.test(text)	2	text==pattern	text.equals(pattern)	text.test(pattern)	pattern.test(text)
603	9	Demonstrate onchange event handler in java script code when input focus exits after the user modifies its text		7				
604	9	"Write JavaScript that handles following mouse event. 1. If mouse left button pressed on browser it displayed message "Left Clicked". 2. If mouse right button pressed on browser it displayed message "Right Clicked"."		7				
605	9	Write JavaScript code to validate the email address using regular expression.		7				
606	9	Write a program using HTML and java script to create basic calculator		7				
607	9	Create HTML form with one button having label "Click Me". Also write java script to show "You Clicked Me" message when a user clicks on button		7				
608	9	Write an HTML form accepting an integer having 4-digits. Provide necessary validations using JavaScript. Input should not accept characters.		7				
609	9	Create a web application for login form with login and password option. Password should be kept up to 5 characters only. Perform necessary validations.		7				

Sr. No.	unit_number	question_text	answer_text	marks	option1	option2	option3	option4
610	9	Design a login form with username and password option using HTML and JavaScript. Perform following validations. (i) Username field: minimum length 6 characters, it should not have any special character or digits other than _ (ii) Password field: minimum length 8 characters and maximum length 12 characters, it must contain at least one digit and at least one special character from the set {*,#,_,}.		7				
		Chap-10: Ecmascript Version-6						

611	10	Identify output/error for following code.
		<script>
		 let demo=(a=2,b)=>
		 {
		  return a+b;
		 }
		 console.log(demo(4,5));
		</script>
			9	0.5	9	7	NaN	undefined

612	10	What will be the output of following code:
		let a=10;
		if(a>4)
		{
		  a=100;
		   console.log(a);
		}
		console.log(a);
			100
			100
				0.5	100
					10
						10
						100
							100
							100
								10
								10

613	10	Identify error/output.
		<script>
		 const check=(...args)=>
		 {
		  let sum="";
		  for(let x of args)
		  {
		   sum=sum+x;
		  }
		  console.log(sum);
		 }
		 check(1,2,3,4,5,6,7,8,9,10);
		</script>
			12345678910	1	12345678910	undefined	Error while loading page	55

614	10	Identify error/output of following code.
		<script>
		 str="Nation";
		 spl=str.split("i");
		 len=0;
		 for(x of spl)
		 {
		  len=len+x.length;
		 }
		 document.write(len);
		</script>
			5	1	5	11	10	Error: split can't accept "i"

615	10	Identify error/output.
		<script>
		class Demo
		{
		  constructor(p,q)
		  {
		   this.p=p;
		   this.q=q;
		  }
		  disp=()=>
		  {
		   console.log(p+q);
		  }
		}
		let obj=new Demo(2,3);
		obj.disp();
			Error on page load	1	5	23	2	Error on page load

616	10	Identify output of following script.
		<script>
		let point=
		{
		  "x":10,
		  "y":5
		};
		let {x:newX,y:newY}=point;
		console.log(newX++ + +newY);
		</script>
			16	1	105	116	15	16

617	10	Write an ES6 function using rest operator to receive 1st 10 natural no.s. Compute addition of all odd and even no.s using for…of loop.		3				

618	10	Identify output:
		  let a=20;
		  if(a<50)
		  {
		   console.log(a);
		  }
		  a="xyz";
		  console.log(a);
			20
			xyz
				1	20
					xyz
						20
						20
							20
							xyz
								xyz,xyz

619	10	Identify output:
		  const fun=(x,y)=>
		  { return (x%y); }
		  console.log(fun(10,5));
			0	1	0	2	1	NaN

620	10	Which of the following is the correct syntax for creating an object using ES6 syntax?	let obj = { a: 1, b: 2, c:3 };	1	let obj = { a: 1; b: 2; c:3 }	let obj = { a= 1, b= 2, c=3 }	let obj = { a= 1, b: 2, c:3 };	let obj = { a: 1, b= 2, c:3 }
621	10	Write ES6 code to concatenate three arrays into a new array. Use spread operator.		2				
622	10	Write an ES6 script to sort 5 names alphabetically from a string array		3				
623	10	Which one of the following is correct output for the following given code: <script> const add=(j,k)=> { ans=`${j+k}`; } console.log("\n\nAns="+add(8,9)); </script>	Ans=undefined	0.5	Ans=17	Ans=NaN	Ans=undefined	error

624	10	destruct=()=>
		{
		 return [1,3,5,7,9];
		}
		let [n1,n2,n3,n4,n5]=destruct();
		console.log("sum="+n1+n2+n3+n4+n5);
			sum=13579	0.5	sum=25	sum=13579	sum=45	sum=1+3+5+7+ 9

625	10	What will be output of the following JavaScript code?
		  add=(a,b=15,c=20)=>
		  { return (a+b+c);
		  }
		  console.log(`addition=${add(20)}`);
			addition=55	1	addition=152020	addition=20	addition=35	addition=55

L.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, AHMEDABAD

Full Stack Development with Javascript-1 (FSD-1) Practice Book (SEM-III-2024)

Note: This Practice book is only for reference purpose. LJU Test question paper may not be completely set from Practice book.

Sr. No.	unit_number	question_text	answer_text	marks	option1	option2	option3	option4
626	10	Which one of the following is correct output for the following given code: <script> newfun=(p=10,q=20)=> { return (p+q); } console.log(`New=${newfun(1,2)}`); </script>	New=3	0.5	New=30	New=NAN	New=3	error

627	10	What will be output of the following code?
		myfun=(...args)=>
		{
		   let sum=0;
		   for(let p of args)
		   {
		     sum=sum+p;
		   }
		   return sum;
		}
		console.log(myfun(1,2,3,4,5));
			15	1	NaN	15	12	undefined

628	10	Write an ES6 function to be called on button click. Take one <div> with some text and no decoration initially. Take font size and style as default argument & pass background color and text color while passing the argument.		5				

629	10	What will be output of below code?
		<script>
		let num = [80,90,70];
		for(let n of num)
		{
		n=n-10;
		console.log(n);
		}
		</script>
			70
			80
			60
				1	[80,90,70]	90	80	70
								80
								60

630	10	what will be the output of below code?
		<script>
		const myObj = {a: 10};
		myObj.a = 20;
		console.log(myObj.a);
		</script>
			20	1	10	20	30	undefined

631	10	Which of the following will be printed to the console?
		const arr1 = [1, 2, 3];
		const arr2 = [4, 5, 6];
		const arr3 = [...arr1, ...arr2];
		console.log(arr3);
			[1, 2, 3, 4, 5, 6]	1	[1, 2, 3, 4, 5, 6]	[4, 5, 6, 1, 2, 3]	[[1, 2, 3]]	[[4, 5, 6]

632	10	<script>
		  const check=()=>
		  {
		    args=[10,20,30,40,50]
		    args1=[60,70]
		    arg = [...args,...args1]
		    let sum=0;
		    for(x in args)
		    {
		      sum=sum+" "+args[x];
		    }
		    console.log(sum);
		  }
		  check();
		</script>
			0 10 20 30 40 50	1	sum 150	0 10 20 30 40 50 60 70	0 10 20 30 40 50	1.0203E+13

633	10	Write ES6 script to find perimeter and area of triangle and rectangle using fat arrow function and also pass default parameters of input.		4				
634	10	Write an ES6 script that creates a class time having members hours, minutes and second. Create two time objects and add both the time objects so that it should return in third time object. Third time object should have hour, minute and second such that after addition if second exceeds 60 then minute should be incremented also if minutes exceeds 60 then hour should be incremented.		3				
635	10	How simple Javascript does not support block scoped variables?		3				
636	10	How ES6 has solved block scoped variable drawback of simple JS?		3				

637	10	What will be the output of following code:
		let a=10;
		if(a>4)
		{
		  console.log(a);
		}
		let a=100;
		consoloe.log(a);
			Error	1	100
					10
						100
						100
							10
							100
								Error

638	10	What will be the output of following code:
		let a=10;
		if(a>4)
		{
		  console.log(a);
		}
		a=100;
		consoloe.log(a);
			10
			100
				1	100
					10
						100
						100
							10
							100
								Error

639	10	"const" keyword in ES6 makes _____ variable.	Immutable	0.5	Mutable	Immutable	Same	Changing
640	10	Generally functions in ES6 are defined using _____ keyword.	const	0.5				
641	10	Which symbol is used to print a string using template literal?	`	0.5	"	+	`	.
642	10	const keywork is not mandatory to define function in ES6.	True	0.5				

643	10	**Identify error/output from following code:**
		p=3, q=4;
		console.log(`P=${p}, Q=${q}`);
			P=3, Q=4	1	Error, because let is mandatory in var declaration	P=3, Q=4	Q=4, P=3	Error, because template literal syntax is wrong

644	10	**Identify error/output from following code:**
		const fun=p,q=>
		{
		  return (p+q);
		}
		console.log(fun(3,8));
			Error	1	11	38	3+8	Error

645	10	**Identify error/output from following code:**
		newfun=(p=10,q)=>
		{
		  return (p+q);
		}
		console.log(`New=${newfun(2)}`);
			New=NaN	1	New=12	New=NaN	New=undefined	New=1

646	10	Default arguments must be filled up from right side. Why? Explain with example.		3				
647	10	for…in loop cannot work with specific elements of array. State True or False.	True	1				

648	10	**Identify output of following ES6 code:**
		let arr=[1,2,3,4,5,6,7,8];
		  let sum=0;
		  for([ind,vals] of arr.entries())
		  {
		    if(ind%2==1)
		    {
		      sum=sum+vals;
		    }
		  }
		  console.log(`Sum=${sum}`);
			Sum=20	1	Sum=20	Sum=16	Sum=0	Sum=undefined

649	10	**Identify elemets' sequence of map.**
		let m=new Map();
		  m.set("ABC","Father");
		  m.set("XYZ","Mother");
		  m.set("PQR","Brother");
		  m.set("JKL","Sister");
		  m.delete("PQR");
		  m.set("PQR","Uncle");
		  console.log(m);
			ABC => Father, XYZ => Mother, JKL => Sister, PQR => Uncle	1	ABC => Father, XYZ => Mother, JKL => Sister, PQR => Uncle	ABC => Father, XYZ => Mother, PQR => Uncle, JKL => Sister	ABC => Father, XYZ => Mother, PQR => Brother, JKL => Sister	ABC => Father, XYZ => Mother, JKL => Sister

650	10	Write an ES6 script to find distance between two points using two point objects.		5				
651	10	Write an ES6 script to pass two numbers in function as an argument and find all prime no.s between given two no.s. Assume first no< second no		5				
652	10	Write an ES6 script to find 2nd largest no. from an array without using sorting.		5				

L.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, AHMEDABAD

Full Stack Development with Javascript-1 (FSD-1) Practice Book (SEM-III-2024)

Note: This Practice book is only for reference purpose. LJU Test question paper may not be completely set from Practice book.

Sr. No.	unit_number	question_text	answer_text	marks	option1	option2	option3	option4

653	10	let arr=[10,20,30,40];
		  let sum=0;
		  for([a,b] of arr.entries())
		  {
		    sum+=(a%10);
		  }
		  console.log(sum);
		Identify error/output of above code.
			6	1	100	Error:+= is an invalid operator	0	6

654	10	Write an ES6 script to find GCD of two no.s passed as an argument.		5				
655	10	Write a javascript/html to add a heading, an image and a button. Initially, display "Hello World" text as a heading and image "img1.png" without any decoration. A function to be called on button click and perform tasks as asked below. 1.Pass 3 parameters for font size, font color and text. 2.The text parameter must be passed as a default parameter with "Good Morning" value. 3.Another two parameters (font size, font color) must be passed as arguments while calling the function on button click. 4.Also, change image to "img2.png" by clicking on button.		4				