<u>Unit 1</u> <u>Multiple Choice questions (One mark each)</u>

1.	Where can you write the JavaScript with	ere can you write the JavaScript within your HTML code?	
	a. In <head> only</head>	b. In <body> only</body>	
	c. In <head> and <body> both</body></head>	d. None of these	
2.	Which attribute of <script> tag is used to specify the language of script</th></tr><tr><th>a. language or Type</th><th>b. Name</th></tr><tr><td></td><td>c. Id</td><td>d. None of these</td></tr><tr><td>3.</td><td colspan=3>Which keyword is used to declare a variable as an integer?</td></tr><tr><td></td><td>a. int</td><td>b. num</td></tr><tr><td></td><td>c. var</td><td>d. None of these</td></tr><tr><td>4.</td><td colspan=3>Which of the following is an invalid data type?</td></tr><tr><td></td><td>a. Number</td><td>b. Boolean</td></tr><tr><td></td><td>c. String</td><td>d. VarChar</td></tr><tr><td>5.</td><td colspan=3>Which of the following is a valid variable name?</td></tr><tr><td></td><td>a. With</td><td>b. My%variable</td></tr><tr><td></td><td>c. 99variable</td><td>d. Mystr</td></tr><tr><td rowspan=2>6.</td><td colspan=3>How many operands are required for operater ++?</td></tr><tr><td>a. One</td><td>b. Two</td></tr><tr><td></td><td>c. Three</td><td>d. Four</td></tr><tr><td>7.</td><td colspan=3>Which one of the following is not Comparison operator?</td></tr><tr><td></td><td>a. ==</td><td>b. !=</td></tr><tr><td></td><td>c. <</td><td>d. +=</td></tr><tr><td>8.</td><td colspan=2>Which operator is used to concatenate two strings?</td></tr><tr><td></td><td>a. +</td><td>b. ++</td></tr><tr><td></td><td>c. +=</td><td>d. None of these</td></tr><tr><td>9.</td><td>NaN means</td><td></td></tr><tr><td></td><td>a. Not allowed Number</td><td>b. Not a Number</td></tr><tr><td></td><td>c. Non allowed Number</td><td>d. None of these</td></tr></tbody></table></script>		

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10.	When two operands of different types are us	sed in an expression, they may be converted into a type
	applicable for the operator. This is called as	
	a. Literals	b. Conversion
	c. Tokens	d. Type Casting
11. Fixed or constant values in an expression are		e called
	a. Literals	b. Conversion
	c. Tokens	d. Type Casting
12.	2. Which of the following functions is used to convert the string into Integer number?	
	a. Integer()	b. intParse()
	c. parseInt()	d. None of these
13. Which of the following sentence is true for isNaN() function?		isNaN() function?
	a. It returns today's date.	b. It returns Yes or No.
	c. It returns True or False.	d. None of these
14. To display a message to the user, can be used.		_ can be used.
	a. Alert()	b. Prompt()
	c. alert()	d. prompt()
15.	In JavaScript objects created using	operator (keyword).
	a. new	b. Arithmetic
	c. logical	d. Assignment

Long Questions (Ten Marks each)

- **1.** Explain Operators in detail with example.
- **2.** Write a note on Variables with example.
- **3.** List the ways to use JavaScript on a webpage and Explain it with example.
- **4.** Explain Comparison operators and Arithmetic operators with example.
- **5.** Describe Logical operator and new operator with example.
- **6.** Explain the use of Conditional Constructs (if, if-else, else-if, switch) with example.
- **7.** Describe Built-in functions with example.
- **8.** Write a note on Types of Dialog Boxes with example.
- **9.** Explain Array in detail.
- **10.** Describe Function in detail.(Type ,Define without parameters, Call, Declare to return value)

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<u>Unit 2</u> <u>Multiple Choice questions (One mark each)</u>

1.	The property returns the number of characters in a string.		
	a).CHARAT	b).length	
	c).INDEXOF	d).SUBSTR	
2.	The charAt() method returns the	at the specified index position in a string.	
	a). Unicode(ASCII)	b).character position	
	c).character	d).none of these	
3.	Themethod extracts (cut) the characters from a string and returns the new sub string.		
	a).SUBSTR()	b).INDEXOF()	
	c) CHARAT()	d) REPLACE()	
4.	The method converts a string to uppercase letters.		
	a).SUBSTR()	b).INDEXOF()	
	c). CHARAT()	d). toUpperCase()	
5.	The object allows you to perform	m mathematical tasks.	
	a).STRING()	b).ARRAY()	
	c). MATH()	d). DATE()	
6.	The method returns the absolute value (positive value) of a number.		
	a).ABS()	b).CEIL	
	c).FLOOR()	d).ROUND()	
7.	The method rounds a number U	PWARDS (round up) to the nearest integer, and returns the	
	result.		
	a).ABS()	b).CEIL()	
	c).FLOOR()	d).ROUND()	
8.	Themethod returns to find the	highest (maximum) number value in the list.	
	a).MAX()	b).ABS()	
	C).MXI()	d).HIGH()	
9.	The round () method return the round a number to the nearest integer.		
	a).ABS()	b).CEIL()	
	c).FLOOR()	d).ROUND()	

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10.	Themethod returns the da	y of the month (from 1 to 31) for the specified date, according
	to local time.	
	a). getDate()	b).get Day()
	c). get Month()	d).get Fullyear()
11.	The method returns the hou	ir (from 0 to 23) of the specified date and time, according to
	local time.	
	a).getTime()	b). getHours()
	c). getMinutes()	d). getSeconds()
12.	The topmost object in the DOM is	
	a). History	b). Navigator
	c). Document	d). Window
13.	The collection of object in the browser for use in JavaScript is called the	
	a).DOM	b).BOM
	c). Navigator	d). Window
14.	property use to change default message in the window status bar.	
	a).LENGTH	b).SRC
	c).HREF	d). defaultstatus
15.	object contain the history of page visited by the users.	
	a). History	b). Navigator
	c). Document	d). Window
16. method specify how far forward or backward in the hist		ard or backward in the history stack you want go.
	a).BACK()	b).FORWARD()
	c).FORWARD()	d).GO ()
17.	method displays the previou	is (back) page the user had visited in the browser.
	a).BACK ()	b).REPLACE()
	c).FORWARD()	d).GO()
18.	Method remove the current	page and add the new page from the history stack.
	a).BACK()	b).REPLACE()
	c).FORWARD()	d).GO()

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19.	method uses display	the content of the page load in the browser.
	a).alert	b).prompt
	c).Write	d).Bgcolor
20.	Property is used to	changes the background color of the web page after it is loaded.
	a).Bgcolor	b).Background color
	c).Color	d).screen
21.	property return stri	ng value entered in the textbox by the user.
	a).readonly	b).length
	c).src	d).value
22.	event occurs when the user clicks on an element.	
	a).on click	b)on blur
	c).on focus	d).on load
23.	event occurs when	an object loses focus
	a).on click	b).on blur
	c).on focus	d).on load
24.	event occurs whe	n an element gets focus
	a).on click	b).on blur
	c).on focus	d).on load
25.	event occurs before	the browser closes the document.
	a). onunload	b).on blur
	c). on focus	d).on load

Long Questions (Ten Marks each)

- 1. What is an object collection? Explain object with its properties and methods in JavaScript.
- **2.** Explain all the METHODS of STRING OBJECT with its syntax and example.
- **3.** Explain any FIVE METHODS in MATH OBJECT with its syntax and example.
- **4.** Explain GET METHODS in DATE/TIME OBJECT with its syntax and example.
- **5.** Explain SET METHODS in DATE/TIME OBJECT with its syntax and example.
- 6. Draw and explain the structure of DOM Hierarchy in detail
- 7. Explain Document Object, Window object and Location object in detail.
- **8.** What is Event Handling? Explain in detail how we can manage Events using different Event handlers.

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