

Unit 1

Multiple Choice questions (One mark each)

- Where can you write the JavaScript within your HTML code?
 - In `<HEAD>` only
 - In `<Body>` only
 - In `<HEAD>` and `<BODY>` both**
 - None of these
- Which attribute of `<SCRIPT>` tag is used to specify the language of script?
 - language or Type**
 - Name
 - Id
 - None of these
- Which keyword is used to declare a variable as an integer?
 - int
 - num
 - var**
 - None of these
- Which of the following is an invalid data type?
 - Number
 - Boolean
 - String
 - VarChar**
- Which of the following is a valid variable name?
 - With
 - My%variable
 - 99variable
 - Mystr**
- How many operands are required for operator ++?
 - One**
 - Two
 - Three
 - Four
- Which one of the following is not Comparison operator?
 - ==
 - !=
 - <
 - +=**
- Which operator is used to concatenate two strings?
 - +**
 - ++
 - +=
 - None of these
- NaN means _____
 - Not allowed Number
 - Not a Number**
 - Non allowed Number
 - None of these

QUESTION BANK

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10. When two operands of different types are used 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 called _____.
 - a. Literals**
 - b. Conversion
 - c. Tokens
 - d. Type Casting
12. Which of the following functions is used to convert the string into Integer number?
 - a. Integer()
 - b. parseInt()
 - c. parseInt()**
 - d. None of these
13. Which of the following sentence is true for 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.
 - 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)

Unit 2

Multiple Choice questions (One mark each)

- The _____ property returns the number of characters in a string.
a).CHARAT
c).INDEXOF
b).length
d).SUBSTR
- The charAt() method returns_____ the at the specified index position in a string.
a). Unicode(ASCII)
c).character
b).character position
d).none of these
- The ____method extracts (cut) the characters from a string and returns the new sub string.
a).SUBSTR()
c) CHARAT()
b).INDEXOF()
d) REPLACE()
- The_____ method converts a string to uppercase letters.
a).SUBSTR()
c). CHARAT()
b).INDEXOF()
d). toUpperCase()
- The _____ object allows you to perform mathematical tasks.
a).STRING()
c). MATH()
b).ARRAY()
d). DATE()
- The_____ method returns the **absolute value** (positive value) of a number.
a).ABS()
c).FLOOR()
b).CEIL
d).ROUND()
- The _____ method rounds a number **UPWARDS** (round up) to the nearest integer, and returns the result.
a).ABS()
c).FLOOR()
b).CEIL()
d).ROUND()
- The _____method returns to find the **highest (maximum)** number value in the list.
a).MAX()
C).MXI()
b).ABS()
d).HIGH()
- The round () method return the **round** a number to the nearest integer.
a).ABS()
c).FLOOR()
b).CEIL()
d).ROUND()

QUESTION BANK

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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 string 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 when 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.