

### Leveraging AI Quiz - Introduction to Computer Programming

Correct Answer	Partially Correct	Incorrect Answer

1 Which keyword is used to declare a variable in JavaScript that should not be reassigned?

Your Answer const

Correct Answer const

# Justification

The const keyword is used to declare a variable that should not be reassigned.

### 2 JavaScript arrays are:

Your Answer Zero-indexed

Correct Answer Zero-indexed

# Justification

JavaScript arrays are zero-indexed, meaning the first element is at index 0, the second element is at index 1, and so on.

**3** JavaScript is used for:

Your Answer Creating dynamic web pages

Correct Answer Creating dynamic web pages

Justification

JavaScript is used to add interactivity and responsiveness to web pages.

4 Which operator is used for concatenating strings in JavaScript?

Your Answer +

Correct Answer +

Justification

The + operator is used for string concatenation in JavaScript.

5 JSON (JavaScript Object Notation) is primarily used for:

Your Answer Representing and transmitting data

Correct Answer Representing and transmitting data

# Justification

JSON is widely used for data interchange between systems as it provides a lightweight and human-readable format for representing and transmitting data.

6 What does the break statement do in JavaScript?

Your Answer Exits a loop prematurely

**Correct Answer** Exits a loop prematurely

# Justification

The break statement is used to exit a loop prematurely before the loop condition is met.

Which property returns the number of characters in a JavaScript string?

Your Answer .length

Correct Answer .length

Justification

The .length property returns the number of characters in a JavaScript string.

8 Ternary operator in JavaScript takes how many operands?

Your Answer 3

Correct Answer 3

# Justification

The ternary operator takes three operands: a condition, an expression to execute if the condition is true, and an expression to execute if the condition is false.

**9** Which building block of the World Wide Web is responsible for storing and delivering web content?

Your Answer Servers

Correct Answer Servers

# Justification

Servers store and deliver web content to clients (browsers).

10 Which programming paradigm focuses on using functions to solve problems?

Your Answer Functional programming

Correct Answer Functional programming

# Justification

Functional programming emphasizes using functions to solve problems and treats functions as first-class citizens.

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