Answersheet

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No. of questions attempted: 10

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Assignment: Logical Operators in JavaScript | And, Or, Not, Operators |

Total no. of questions: 10

Total marks: 22

Result: Not reviewed yet

Sl. No.	Question		Actions
1	**Guess the output on this code and check for yourself.** **const logicalOperator = 5 && 6** **console.log(logicalOperator)** 6	5 marks	Marks `0`
2	**Guess the output on this code and check for yourself.** **const logicalOperator = 5 || 6** **console.log(logicalOperator)** 5	5 marks	Marks `0`

3	**What are logical operators in JavaScript, and what are their types?**	5 marks	Marks
	Logical operators are symbols that help check multiple conditions in JavaScript. They either give true/false or check if a value is truthy/falsy.		0

4	**What is the result of the expression true && false when evaluated with the AND operator in JavaScript?**	1 mark	Correct answer
	1. true 2. **false** 3. undefined 4. null		1 mark

5	**What is the output of the following JavaScript code?**	1 mark	Correct answer
	console.log(true && false || true)		1 mark
	1. false 2. **true** 3. null 4. undefined		

6 **What is the output of the following JavaScript code?** 1 mark Correct answer

1 mark

```
let x = 5;

let y = "5";

let z = 10;

console.log(x != y);

console.log(x != z);

console.log(y != z);
```

1. true false true   2. **false true true**   3. true true false   4. false false true

7 **What is the output of the following JavaScript code?** 1 mark Correct answer

```
console.log(0 || 1 && 2 || 3);
```

1 mark

1. 0   2. 1   3. **2**   4. 3

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8   What is the output of the following JavaScript code?   1 mark   **Correct answer**

```
console.log(0 || "" || null || undefined || "default");
```

1. 0   2. ""   3. null   4. **"default"**

1 mark

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9   What is the output of the following JavaScript code?   1 mark   **Correct answer**

```
let a = "";

let b = 0;

let c = false;

console.log(a && b || c || "fallback");
```

1. ""   2. 0   3. false   4. **fallback**

1 mark

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10   What is the output of the following JavaScript code?   1 mark   **Correct answer**

```
console.log(1 && 2 && null && 3);
```

1. 1   2. 2   3. **null**   4. 3

1 mark