Answersheet

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No. of questions attempted: 9

Submitted at: 10 Apr, 2025 10:56 AM

Assignment: Objects in JavaScript

Total no. of questions: 9

Total marks: 21

Result: Not reviewed yet

Sl. No.	Question		Actions
1	**What is an object literal in JavaScript?** 1. A method for creating functions in JavaScript 2. **A way to declare and initialize objects using curly braces {}** 3. A method for declaring arrays in JavaScript 4. A technique for creating variables in JavaScript	1 mark	**Correct answer** 1 mark
2	**How do you create objects in JavaScript using object literals?** 1. By using the new keyword followed by the object's properties 2. **By declaring and initializing objects using curly braces {}** 3. By using the Object constructor function	1 mark	**Correct answer** 1 mark

4. **By using the let keyword followed by the object's properties**

3	Where can you check an object's address in Dev Tools?	1 mark	Correct answer

1. Console 2. Elements 3. **Memory** 4. Sources

1 mark

4	What is the purpose of visualizing an object's address in JavaScript?	1 mark	Correct answer

1. To determine the value of an object 2. To optimize code execution

3. **To understand how objects are stored in memory** 4. To visualize the call stack

1 mark

5	How do you access values in an object in JavaScript?	1 mark	Correct answer

1. **By using dot notation (object.property)** 2. **By using bracket notation (object['property'])**

3. **A and B** 4. None of the above

1 mark

6	Can you demonstrate how to update the properties of an existing object in JavaScript by writing some code?	5 marks	Marks

const mobile = { brand: 'Apple', model: '15pro max', price: 150000 } // Update existing values
mobile.price = 100000 mobile.model = '14pro'

0

7	**What are nested objects in JavaScript, and how do they allow for organizing complex data structures?** 5 marks	Marks
	Objects inside objects are called nested objects. They help organize complex data structures by grouping related information together in a structured and readable way.	0

8	**How do objects in JavaScript differ from other data types, and what advantages do they offer in terms of organizing and storing data?** 5 marks	Marks
	Difference: In JavaScript, primitive data types like string, number, boolean, null, and undefined store only a single value. But an object is a complex data type that can store multiple values together using key-value pairs. Advantages: 1. Group related data: Objects allow you to group all related information about an entity in one place. 2. Handle complex data easily: With nested objects, you can structure multi-level data efficiently. 3. Readable and maintainable code: Using objects makes your code cleaner and easier to understand.	0

9	**What will be the output?** 1 mark	**Correct answer**

```
var car = {

brand: "Toyota",

model: "Camry",

year: 2020

};

console.log(car["model"]);
```

1 mark

1. Toyota   2. **Camry**   3. **2020**   4. **undefined**