



Answersheet

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No. of questions attempted: 8

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Assignment: setTimeout and setInterval in JavaScript

Total no. of questions: 8

Total marks: 12

Result: **Not reviewed yet**

Sl. No.	Question	Actions
1	<p>What is the purpose of the setTimeout function in JavaScript?</p> <p>1 mark</p> <ul style="list-style-type: none">1. It is used to define recurring intervals for executing a function2. It is used to delay the execution of a function by a specified amount of time3. It is used to continuously execute a function at specified intervals4. It is used to measure the time elapsed between two events	<p>Correct answer</p> <p>1 mark</p>
2	<p>How does setInterval differ from setTimeout in JavaScript?</p> <p>1 mark</p> <ul style="list-style-type: none">1. setInterval executes a function repeatedly at specified intervals, while setTimeout executes a function once after a delay2. setInterval executes a function once after a delay, while setTimeout executes a function repeatedly at specified intervals	<p>Correct answer</p> <p>1 mark</p>



	<div>3. setInterval and setTimeout are interchangeable and behave similarly</div> <div>4. setInterval and setTimeout both measure the time elapsed between two events</div>		
3	<p>What does the second parameter of setTimeout represent?</p> <div>1. The delay time before executing the function</div> <div>2. The function to be executed</div> <div>3. The interval between function executions</div> <div>4. The number of times the function should be executed</div>	1 mark	<p>Correct answer</p> <div>1 mark</div>
4	<p>In setInterval, how can you stop the repeated execution of a function?</p> <div>1. By not specifying the interval parameter</div> <div>2. By using the clearInterval method</div> <div>3. By setting the interval parameter to null</div> <div>4. By calling the setTimeout method within the function</div>	1 mark	<p>Correct answer</p> <div>1 mark</div>
5	<p>What happens if the delay time specified in setTimeout is negative?</p> <div>1. The function is executed immediately</div> <div>2. The function is not executed at all</div> <div>3. It results in an error</div> <div>4. The delay time is automatically adjusted to a positive value</div>	1 mark	<p>Correct answer</p> <div>1 mark</div>
6	<p>Which of the following is a correct usage of setInterval in JavaScript?</p> <div>1. setInterval(myFunction(), 1000)</div> <div>2. setInterval(myFunction, 1000)</div>	1 mark	<p>Correct answer</p> <div>1 mark</div>



3. `setInterval(1000, myFunction())`

4. `setInterval(() => myFunction, 1000)`

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What will be the output of the following code?

1 mark

```
setTimeout(() => console.log("World"), 0);
```

```
console.log("Hello");
```

1. World

2. Hello

3. World Hello

4. Hello World

Correct answer

1 mark

8

What will be the output of the following code?

5 marks

```
let counter = 0;
```

```
const intervalId = setInterval(() => {
```

```
  console.log(counter);
```

```
  counter++;
```

```
  if (counter === 5) clearInterval(intervalId);
```

```
}, 1000);
```

0 1 2 3 4

Marks

0