



## Answersheet

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No. of questions attempted: 5

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Assignment: Arrow Functions in JavaScript

Total no. of questions: 5

Total marks: 5

Result: **Not reviewed yet**

Sl. No.	Question	Actions
1	<p><b>What is an arrow function in JavaScript?</b></p> <p>1 mark</p> <ul style="list-style-type: none"><li>1. A function with a special arrow-shaped syntax used for defining methods.</li><li>2. <b>A shorthand syntax for writing anonymous functions using the =&gt; arrow operator.</b></li><li>3. A method used exclusively for defining functions within objects.</li><li>4. A type of function declaration that uses curly braces instead of parentheses.</li></ul>	<p><b>Correct answer</b></p> <p>1 mark</p>
2	<p><b>How do arrow functions differ from other function declarations in JavaScript?</b></p> <p>1 mark</p> <ul style="list-style-type: none"><li>1. <b>They have a special syntax using the =&gt; arrow operator and do not require the function keyword.</b></li><li>2. They can only be used as methods inside objects.</li><li>3. They cannot accept parameters or return values.</li></ul>	<p><b>Correct answer</b></p> <p>1 mark</p>



	4. They have a longer syntax compared to regular function declarations.	
3	<p><b>What is the primary advantage of using arrow functions in JavaScript?</b></p> <p>1 mark</p> <ul style="list-style-type: none"><li>1. They have a shorter syntax compared to regular function declarations.</li><li>2. They automatically bind to the this value of the enclosing scope.</li><li>3. They have access to the global scope by default.</li><li>4. They are more efficient in terms of memory usage.</li></ul>	<p><b>Correct answer</b></p> <p>1 mark</p>
4	<p><b>Which of the following statements about arrow functions in JavaScript is true?</b></p> <p>1 mark</p> <ul style="list-style-type: none"><li>1. Arrow functions always require parentheses around their parameters.</li><li>2. Arrow functions do not support optional parameters.</li><li>3. Arrow functions have a concise syntax and can omit curly braces for single-line expressions.</li><li>4. Arrow functions cannot be assigned to variables.</li></ul>	<p><b>Correct answer</b></p> <p>1 mark</p>
5	<p><b>How do arrow functions handle the this keyword compared to regular functions?</b></p> <p>1 mark</p> <ul style="list-style-type: none"><li>1. Arrow functions create their own this context, separate from the enclosing scope.</li><li>2. Arrow functions do not have access to the this keyword.</li><li>3. Arrow functions require explicit binding of the this keyword using the bind() method.</li></ul>	<p><b>Correct answer</b></p> <p>1 mark</p>



4. Arrow functions automatically inherit the this value of the enclosing lexical scope.