Answersheet

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No. of questions attempted: 5

Submitted at: 20 May, 2025 6:08 PM

Assignment: What is Hoisting? | Most Asked JS Interview Question |

Total no. of questions: 5

Total marks: 5

Result: Not reviewed yet

Sl. No.	Question	Actions
1	**What is hoisting in JavaScript?** 1 mark 1. The process of asynchronous execution of JavaScript code 2. The process of optimizing code for better performance 3. **The process of moving variable and function declarations to the top of their containing scope** 4. The process of compiling JavaScript code to machine code	**Correct answer** 1 mark
2	**How does hoisting affect variable declarations in JavaScript?** 1 mark 1. It removes variable declarations from the code entirely 2. **It moves variable declarations to the top of their containing scope** 3. It delays the initialization of variables until they are explicitly called	**Correct answer** 1 mark

4. It restricts access to variables before their declaration

3	**Is it safe to access variables before their declaration in JavaScript?** 1. **No, accessing variables before their declaration will result in an error or undefined while functions declarations will work fine.** 2. Yes, but only if the variables are declared using the let keyword 3. No, hoisting only applies to function declarations, not variables 4. Yes, JavaScript hoisting allows accessing variables before their declaration without errors	1 mark	**Correct answer** 1 mark
4	**Does hoisting apply to function definitions as well as declarations in JavaScript?** 1. Yes, hoisting allows function definitions to be moved to the top of the code 2. No, hoisting only applies to function declarations, not definitions 3. **Yes, hoisting applies to both function declarations and definitions** 4. No, function definitions are not affected by hoisting	1 mark	**Correct answer** 1 mark
5	**How does hoisting impact the order of execution of code in JavaScript?** 1. It reverses the order of code execution to prioritize variable declarations 2. It delays the execution of code until all declarations are processed	1 mark	**Correct answer** 1 mark

3. It ensures that all variable and function declarations are processed before any code is executed

4. It randomizes the order of code execution to optimize performance