

Grading Report

Student Name: Khursheed

Exam Title: JS

Date: 2024-12-01

Total Marks Awarded: 11.0 out of 15

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Question 1: Q.1) What is difference between let, var, and const?

Student's Answer:

let and var have global scope while const has block scope.

Correct Answer:

let and const have block scope while var has function scope. const is for constant and it's value cannot change.

Marks Awarded: 2.0 out of 5

Feedback: The student's answer is partially incorrect. While it is true that let and var have different scopes, the student has mistakenly stated that var has global scope, when in fact var has function scope. Additionally, the student has incorrectly stated that const has block scope, when in fact both let and const have block scope. The student should understand the difference in scopes between let, var, and const to improve their answer.

Question 2: Q.2) What is closure in Javascript?

Student's Answer:

closure is a function that remember and can access variables from outer scope even after the outer function is executed.

Correct Answer:

Closure is a function that remembers and can access variables and from outer scope even after the outer function has executed.

Marks Awarded: 4.0 out of 5

Feedback: Your answer is mostly correct, but it lacks the phrase "and from" in the description of a closure. This is a minor error, but it is important for clarity and precision in technical definitions.

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Question 3: Q.3) What does this keyword refer?

Student's Answer:

this refer to the object that is executing the current function and its value depends on how the function is called.

Correct Answer:

this refer to the object that is executing the current function and it's value depends on how the function is called.

Marks Awarded: 5.0 out of 5

Feedback: The student's answer is identical to the correct answer, demonstrating a thorough understanding of the concept. The student has correctly explained the role of 'this' in a function and how its value depends on the function's call.