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## **Multiple Choice Questions**

1. When does the function name become optional in Javascript?
   1. When function declaration is used.
   2. When function expression is used.
   3. Can be emitted in both the cases
   4. Function name cannot be omitted

**Answer: B**

1. What is the purpose of the return statement in a function?
   1. Returns the value and continues executing the rest of the statements in the function, if any.
   2. Returns the value and stops the execution of the program.
   3. Just returns the value.
   4. Stops executing the function and returns the value.

**Answer: D**

1. What will happen if a return statement does not have an associated value or expression?
   1. It returns the value 0.
   2. It returns the value undefined.
   3. It does not return any value.
   4. None of the above.

**Answer: B** because undefined is returned by default

1. What is the output of the below code snippet?

var res = sayHello(); //error btayega function is not defined. Var pe to //global scope hai pr kya frk pdta hai jb function he undefined treat krega //kyunki function expression pehle declare krna pdta hai unlike function //expression.

var sayHello = function() {

console.log("Hello!");

}

* 1. Error
  2. “Hello!”
  3. undefined
  4. No output is displayed

**Answer:a**becausefunction expressions are not hoisted

1. What is the output of the below code snippet?

var name = "Rick";

function printName() {

var name = "Morty"

console.log(name);

}

printName();

* 1. Rick
  2. Morty
  3. undefined
  4. An error is thrown

**Answer: B** because variable names are searched in the nearest scopes first.

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