Multi Choice Type Question Sarah is working on a JavaScript project and wants to define an object representing a car. How can Sarah correctly create an object representing a car in JavaScript? Marks : 1 Negative Marks : 0 image Answer here new Object { make: "Toyota", model: "Corolla", year: 2022 } const car = { make: "Toyota", model: "Corolla", year: 2022 } const car = (make: "Toyota", model: "Corolla", year: 2022) const car = [make: "Toyota", model: "Corolla", year: 2022]

✅ **Correct Answer:**  
**const car = { make: "Toyota", model: "Corolla", year: 2022 }**

**You said:**

Multi Choice Type Question Emma is learning about JavaScript data types and asks about the primitive data types in JavaScript. Which of the following are examples of primitive data types in JavaScript? Marks : 1 Negative Marks : 0 image Answer here number, string, array boolean, object, null string, null, undefined object, undefined, null

✅ **Correct Answer:**  
**string, null, undefined**

**You said:**

Multi Choice Type Question David is developing a web application and wants to access the value of a specific property in an object. How can David correctly access the value of the property price from the product object? Marks : 1 Negative Marks : 0 image Answer here product.price product.get("price") product.getValue("price") product("price")

✅ **Correct Answer:**  
**product.price**

**You said:**

Multi Choice Type Question Alex is developing a web application and wants to check the value of a variable during runtime for debugging purposes. What is the purpose of the following line of code in Alex's JavaScript application? Marks : 1 Negative Marks : 0 image Answer here It displays a message to the user through a pop-up dialog It executes a function provided as an argument It logs messages to the browser's console for debugging and development purposes It defines a new function for logging purposes

✅ **Correct Answer:**  
**It logs messages to the browser's console for debugging and development purposes**

**You said:**

Multi Choice Type Question Emma is working on a program that requires logical decisions. Which data type should Emma use to represent true or false values in JavaScript? Marks : 1 Negative Marks : 0 image Answer here boolean number string undefined

✅ **Correct Answer:**  
**boolean**

**You said:**

Multi Choice Type Question Jasmine wants to add an event listener to a button on her website to handle clicks. What is the correct way for Jasmine to add an event listener to the button element in her HTML to handle clicks? Marks : 1 Negative Marks : 0 image Answer here button.addEvent('click', handleClick) button.addEventListener('click', handleClick) button.onClick = handleClick button.attachEvent('click', handleClick)

✅ **Correct Answer:**  
**button.addEventListener('click', handleClick)**

**You said:**

Multi Choice Type Question Emma is working on a project and needs to add a new property to an existing object. How can Emma correctly add the color property to the shirt object with the value "blue"? Marks : 1 Negative Marks : 0 image Answer here shirt.add("color", "blue") shirt["color"] = "blue" shirt.create("color", "blue") shirt.color = "blue"

✅ **Correct Answers:**  
**shirt["color"] = "blue"**  
**shirt.color = "blue"**

(Both are valid ways to add a new property to an object in JavaScript.)

**You said:**

Multi Choice Type Question Alex is building a web application and needs to store a collection of user names. Which data type should Alex use to store a collection of user names in JavaScript? Marks : 1 Negative Marks : 0 image Answer here number string array boolean

✅ **Correct Answer:**  
**array**

**You said:**

Multi Choice Type Question Sarah is writing a program and wants to represent the absence of a value. Which keyword represents the absence of a value in JavaScript? Marks : 1 Negative Marks : 0 image Answer here null undefined void false

✅ **Correct Answer:**  
**null**

**You said:**

Multi Choice Type Question Jasmine is working with a nested object representing a student's information. How can Jasmine correctly access the student's math score from the studentInfo object? Marks : 1 Negative Marks : 0 image Answer here studentInfo["math"] studentInfo.scores.math studentInfo.scores["math"] studentInfo["scores"].math

✅ **Correct Answers:**  
**studentInfo.scores.math**  
**studentInfo.scores["math"]**  
**studentInfo["scores"].math**

(All three correctly access the nested math property inside scores.)

**You said:**

Multi Choice Type Question Emma is learning JavaScript and wants to declare a variable to store her age. What is the correct way for Emma to declare a variable in JavaScript to store her age? Marks : 1 Negative Marks : 0 image Answer here Emma = 25 let age = 25 age: 25 const age = 25

✅ **Correct Answers:**  
**let age = 25**  
**const age = 25**

(Both let and const are valid ways to declare a variable in JavaScript. let allows reassignment, while const makes it read-only.)

**You said:**

Multi Choice Type Question Sarah is building a JavaScript function to calculate the area of a rectangle. How would Sarah correctly define a JavaScript function to calculate the area of a rectangle? Marks : 1 Negative Marks : 0 image Answer here area = () => { // function logic } function area() { // function logic } const calculateArea = () => { // function logic } const calculateArea() => { // function logic }

✅ **Correct Answers:**  
**function area() { // function logic }**  
**const calculateArea = () => { // function logic }**

(Both define a valid JavaScript function; the first uses a traditional function declaration, and the second uses an arrow function.)

**You said:**

Multi Choice Type Question Michael is comparing two values in his JavaScript code and wants to ensure that both the value and data type match. In Michael's JavaScript code, which operator should he use to compare two values and ensure that both the value and data type match? Marks : 1 Negative Marks : 0 image Answer here == === = &&

✅ **Correct Answer:**  
**===**

**You said:**

Multi Choice Type Question Jasmine is working on a conditional statement and wants to check if a variable contains a truthy value. Which of the following are considered truthy values in JavaScript? Marks : 1 Negative Marks : 0 image Answer here null, undefined, false 0, null, empty string 1, {} , "true" 0, empty string, undefined

✅ **Correct Answer:**  
**1, {} , "true"**

(These values are considered truthy in JavaScript.)

**You said:**

Multi Choice Type Question David is developing a program and wants to store a sequence of characters. Which data type should David use to store a sequence of characters in JavaScript? Marks : 1 Negative Marks : 0 image Answer here number string object array

✅ **Correct Answer:**  
**string**