

1) Which of the following statements are true about JSON object

- A. ☒ an array can contain json objects (eg. `var list = [{}, {}];`)
- B. ☒ a valid json object can begin with curly braces (eg. `var obj = { };`)
- C. ☒ json object can omit double quotes for keys inside js code. Eg following lines are the same:
- ```
var json = {"a": "hello"}
var json = {a: "hello"}
```

**2) Inside which HTML element do we put the JavaScript?**

- A. ☐ `<javascript>`
- B. ☐ `<scripting>`
- C. ☐ `<js/>`
- D. ☒ `<script>`

**3) Which CSS selector will change the color of the HTML element below?**

```
<p id="demo">This is a demonstration.</p>
```

- A. ☐ `demo {color: red}`
- B. ☒ `#demo {color: red}`
- C. ☐ `.demo {color: red}`

**4) If a variable is declared but no value is assigned to it, what is the value of that variable?**

```
1 // example
2 var x;
3 console.log(x);
```

- A. ☐ `0`
- B. ☒ `undefined`
- C. ☐ `null`
- D. ☐ `""`

**1) 5) Can we use any variable as conditions to an if statement?**

```
1 // example
2 var nr = 10;
3 var str = "Any Value";
4 if (nr) {
5 /*doSomething*/
6 }
7 if (str) {}
8 /*doSomething*/
9 }
```

- A. ☒ True  
B. ☐ False

**1) 6) What is the correct JavaScript syntax to change the content of the HTML element below?**

```
1 <p id="demo">This is a demonstration.</p>
```

- A. ☒ `document.getElementById("demo").innerHTML = "Hello World!";`  
B. ☐ `#demo.innerHTML = "Hello World!";`  
C. ☐ `document.getElementsByName("p").innerHTML = "Hello World!";`

**1) 7) What is the correct syntax to create a function in JavaScript?**

- A. ☒ `function myFunction() { }`  
B. ☐ `function = myFunction() { return false; }`  
C. ☐ `function:myFunction() { }`

**1) 8) The ! operator checks whether its operand is "falsy". Which of the following conditions are TRUE?**

- A. ☒ `!""`  
B. ☒ `!0`  
C. ☒ `!false`  
D. ☒ `!null`  
E. ☒ `!undefined`

**1 9) Which statements will output "yes" to the console, given the following function?**

```
function myFunction(){ console.info('yes'); }
```

- A. ☒ `myFunction()`
- B. ☐ `call function myFunction()`
- C. ☒ `myFunction.call(window)`
- D. ☒ `myFunction.apply(window)`

**1 10) In JavaScript variable type depends on its value?**

- A. ☒ **True**
- B. ☐ **False**