

# Section 4 - Nodes – Quiz

Question 1:  
What is a node?

- 

In the DOM, all parts of the document, such as elements, attributes, text, etc. are organized in a hierarchical tree-like structure.

In DOM terminology these individual parts of the document are known as nodes.

- 

A node is a JavaScript method that we can use to access items in the DOM.

- 

A node is a DOM API that allows us to use languages (such as JavaScript) to access the DOM.

- 

A node is a DOM API method we can call to get a node element.

Answer: A

Question 2:  
What DOM access methods return an HTMLCollection?

- 

The access methods `getElementsByClassName()` and `getElementsByTagName()` return a live HTMLCollection

-

The access methods `getElementById()` and `querySelector()` return a live `HTMLCollection`

-

**The access methods getElementById() and querySelectorAll() return a live HTMLCollection**

Answer: A

Question 3:

We've seen that some access methods return an HTMLCollection, and others return a NodeList.

What is the main difference between an HTMLCollection and a NodeList?

- 

**There is no major difference - both the NodeList and HTMLCollection return a collection of nodes that we can use to access and manipulate.**

- 

**The main difference between an HTMLCollection and a NodeList is that the NodeList is live and the HTMLCollection is static.**

- 

**The main difference between an HTMLCollection and a NodeList is that the NodeList (most of the time) is static and the HTMLCollection is live.**

Answer: C

Question 4:

Is a NodeList the same as a JavaScript array?

- 

**Yes.**

- 

**No.**

Answer: B

Question 5:

What of the below statements about an HTMLCollection and a NodeList is false?

- 

The DOM NodeList is nearly the same as an HTMLCollection.

Both of them reference HTML elements: an HTMLCollection is a collection of HTML elements, while a NodeList is a collection of various types of nodes.

- 

They both have a length property to display the number of items in a collection, each of which can be accessed by their index number. However, in addition to that, HTMLCollection items can also be accessed by their name and ID. That is not the case with JavaScript NodeList.

- 

They can both contain different types of DOM nodes, such as element nodes (<p>, <div> etc.), text nodes, and comment nodes.

Answer: C

