

**Started on** Saturday, 20 March 2021, 9:14 AM**State** Finished**Completed on** Thursday, 25 March 2021, 7:41 PM**Time taken** 5 days 10 hours**Grade** 4.00 out of 4.00 (100%)**Question 1**

Correct

Mark 1.00 out of 1.00

Consider the XHTML code below.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" lang="en">
  <head>
    <title>Sample title</title>
    <link type="text/css" rel="stylesheet" href="style.css"/>
  </head>
  <body> <p>The displayable text </body>
</html>
```

Is it well-formed?

Select one:

- ☐ No, because there is an imported stylesheet
- ☐ That depends on the results of DTD evaluation
- ☐ Yes
- ☒ No, because there is no paragraph closing tag ✓

The correct answer is: No, because there is no paragraph closing tag

Question 2

Correct

Mark 1.00 out of 1.00

Which of the following statements best describes the differences between a DOM parser and a SAX parser?

Select one:

- ☒ DOM uses more memory, SAX tends to be faster, DOM tends to be easier to code ✓
- ☐ DOM uses more memory, SAX tends to be slower, DOM tends to be easier to code
- ☐ DOM uses less memory, SAX tends to be slower, DOM tends to be harder to code
- ☐ DOM uses less memory, SAX tends to be faster, DOM tends to be harder to code

Your answer is correct.

The correct answer is: DOM uses more memory, SAX tends to be faster, DOM tends to be easier to code



Question 3

Correct

Mark 1.00 out of 1.00

Consider the following JavaScript code that conducts XML parsing

```
text = "<bookstore><book>" + "<title>Everyday Italian</title>" +  
      "<author>Giada De Laurentiis</author>" + "<year>2005</year>" +  
      "</book></bookstore>";
```

```
parser = new DOMParser();  
xmlDoc = parser.parseFromString(text,"text/xml");
```

```
var a = xmlDoc.getElementsByTagName("author")[0].nodeName;
```

What would the value of variable **a** be set to?

Select one:

- ☐ year
- ☒ author ✓
- ☐ null
- ☐ Giada De Laurentiis

Your answer is correct.

The correct answer is: author

Question 4

Correct

Mark 1.00 out of 1.00

When using HTTP, two communication methods are commonly used. Select the statement that best describes what each method does.

Select one:

- ☐ POST appends data to the URL as key-value pairs, PUSH sends the data as part of the message
- ☐ PUSH sends the data as part of the message, GET appends data to the URL as key-value pairs
- ☒ GET appends data to the URL as key-value pairs, POST sends data packaged as part of the message ✓
- ☐ GET sends data packaged as part of the message, POST appends data to the URL as key-value pairs

Your answer is correct.

The correct answer is: GET appends data to the URL as key-value pairs, POST sends data packaged as part of the message