

Quiz Submissions - Quiz 2 (Chapters 3 & 4)



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Attempt 1

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Question 1

Namespaces are required because _____.

- ☐ it allows multi-machine language support.
- ☐ every XML document need one
- ☒ it enables the separation of XML vocabularies.
- ☐ denotes the use of more than one root element.

Question 2

The QName consists of two parts. What are they?

- ☐ Qualified name and URL
- ☐ Local part and qualified name
- ☒ Namespace prefix and local part
- ☐ URL and namespace prefix

Question 3

A default namespace is used to _____.

- ☐ denote the use of case sensitivity
- ☐ avoid confusion with Internet URLs
- ☐ describe the namespace information URI
- ☒ clean up the look of the document

Question 4

All namespace prefixes have to be described on the root element.

- ☐ True
- ☒ False

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when using multiple namespaces it is sometimes useful to declare them close to the place where they are going to be used

Question 5

In the following example the bolded line is an example of _____.

```
<employee>
  <name>Jane Doe</name>
  <notes>
    <p xmlns="http://www.w3.org/1999/xhtml">I've worked
      with <name xmlns="">Jane Doe</name> for over a <em>year</em>
    now.</p>
  </notes>
</employee>
```

- ☒ going back to a previously defined namespace

☐ going back to a previously defined namespace

☐ ditto on the previously defined namespace

☐ cancelling the namespace

☐ introducing a new attribute

Question 6

Namespaces do not work the same for attributes as they do for the elements.

☒ True

☐ False

Question 7

From a namespace perspective, these three examples mean the same thing.

Example 1.

```
<pers:person xmlns:pers="http://sernaferna.com/pers"
             xmlns:xhtml="http://www.w3.org/1999/xhtml">
  <pers:name/>
  <xhtml:p>This is XHTML</xhtml:p>
</pers:person>
```

Example 2.

```
<person xmlns="http://sernaferna.com/pers"
        xmlns:xhtml="http://www.w3.org/1999/xhtml">
  <name/>
  <xhtml:p>This is XHTML</xhtml:p>
</person>
```

Example 3.

```
<person xmlns="http://sernaferna.com/pers">
  <name/>
  <p xmlns="http://www.w3.org/1999/xhtml">This is XHTML</p>
</person>
```

☐ True

☒ False

Question 8

A default namespace is exactly like a regular namespace, except that you don't have to specify a prefix for all of the elements that use it.

☒ True

☐ False

Question 9

What are the two types of URIs?

☒ URL and URN

☐ xmlns and URL

☐ Prefix names and xmlns

☐ URN and prefix names

Question 10

The URL in the namespace declaration in XML is used to access data from the Internet.

☐ True

☒ False

Question 11

DTD is an acronym for_____.

- ☐ Document Type Description
- ☐ Document Type Declaration
- ☒ Document Type Definition
- ☐ Document Type Denotation

Question 12

DTDs are primarily used to __ .

- ☐ define documents
- ☐ retrieve schemas
- ☐ check for well formedness
- ☒ validate documents

Question 13

What is the name of the element defined in the following example?

```
<!ELEMENT dinosaurs (carnivore, herbivore, omnivore)>
```

- ☒ dinosaurs
- ☐ carnivore
- ☐ herbivore
- ☐ omnivore
- ☐ All the above

Question 14

What is the content model of the element defined in the following example?

```
<!ELEMENT dinosaurs (carnivore, herbivore, omnivore)>
```

- ☐ sequence
- ☐ order
- ☒ mixed
- ☐ choice

Question 15

What is not one of the three basic parts of an element declaration in DTD?

- ☐ The element name
- ☒ The element value
- ☐ The element content model
- ☐ The ELEMENT declaration

Question 16

What are the two fundamental ways of specifying element children in DTD?

- ☒ Sequences
- ☐ Order
- ☐ Array

☒ Choices

Question 17

What is **not** one of the four rules that a mixed content model in DTD must follow?

- ☐ If there are child elements the '*' cardinality indicator must appear at the end of the model.
- ☐ The #PCDATA keyword must appear first in the list of elements.
- ☒ The ID, IDREF, and IDREFS must appear in the list of elements
- ☐ They must use the choice mechanism (the vertical bar | character) to separate elements.
- ☐ There must be no inner content models.

Question 18

In DTD, cardinality defines

- ☐ how many times an attribute will appear in a content model.
- ☐ how many times an element or attribute will appear in a content model.
- ☐ how many times an element and attribute will appear in a content model.
- ☒ how many times an element will appear in a content model.

Question 19

What is **not** one of the three parts of the attribute declaration in DTD?

- ☐ The associated element's name
- ☐ The ATTLIST keyword
- ☐ The list of declared attributes
- ☒ The list of declared ID, IDREF, and IDREFS

Attempt Score: 16 / 19

Overall Grade (highest attempt): 16 / 19

Done