

Quiz Submissions - Quiz 2 (Chapters 3 & 4)



Trevor Conway (username: eb7741df)

Attempt 2

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Submission View

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Question 1

1 / 1 point

Namespaces are required because _____.

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

Question 2

1 / 1 point

The QName consists of two parts. What are they?

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

Question 3

1 / 1 point

A default namespace is used to _____.

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

Question 4

1 / 1 point

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

1 / 1 point

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>
```

- ☒ cancelling the namespace
- ☐ going back to a previously defined namespace

- ☐ ditto on the previously defined namespace
- ☐ introducing a new attribute

Question 6

1 / 1 point

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

- ✓ ☒ True
- ☐ False

Question 7

0 / 1 point

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

1 / 1 point

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

1 / 1 point

What are the two types of URIs?

- ✓ ☒ URL and URN
- ☐ URN and prefix names
- ☐ Prefix names and xmlns
- ☐ xmlns and URL

Question 10

1 / 1 point

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

- ☐ True
- ✓ ☒ False

Question 11

1 / 1 point

DTD is an acronym for____.

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

☐ Document Type Declaration

Question 12

0 / 1 point

DTDs are primarily used to __ .

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

Question 13

1 / 1 point

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

0 / 1 point

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

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

- ☐ order
- ✗ ☒ mixed
- ➡ ☐ sequence
- ☐ choice

Question 15

1 / 1 point

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

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

Question 16

1 / 1 point

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

- ✓ ☒ Choices
- ✓ ☐ Order
- ✓ ☐ Array
- ✓ ☒ Sequences

Question 17

1 / 1 point

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

- ☐ The #PCDATA keyword must appear first in the list of elements.

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

Question 18

1 / 1 point

In DTD, cardinality defines

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

Question 19

1 / 1 point

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

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

Attempt Score:16 / 19

Overall Grade (highest attempt):16 / 19

Done