1. What is the name of the Python 2.x library to parse XML data?

   1 point

   ○ xml.json

   ◉ xml.etree.ElementTree

   ○ xml-misc

   ○ xml2

2. What is the method to cause Python to parse XML that is stored in a string?

   1 point

   ◉ fromstring()

   ○ parse()

   ○ readall()

   ○ extract()

   ○ xpath()

3. In this XML, which are the "complex elements"?

   1 point

   ```
   1   <people>
   2     <person>
   3       <name>Chuck</name>
   4       <phone>303 4456</phone>
   5     </person>
   6     <person>
   7       <name>Noah</name>
   8       <phone>622 7421</phone>
   9     </person>
   10  </people>
   ```

   ☐ Noah

   ☐ phone

   ☐ name

   ☑ people

   ☑ person

4. In the following XML, which are attributes?

   1 point

   ```
   1   <person>
   2     <name>Chuck</name>
   3     <phone type="intl">
   4       +1 734 303 4456
   5     </phone>
   6     <email hide="yes" />
   7   </person>
   ```

   ☐ name

   ☐ email

   ☑ hide

   ☐ person

   ☑ type

5. In the following XML, which node is the parent node of node e

   1 point

   ```
   1   <a>
   2     <b>X</b>
   3     <c>
   4       <d>Y</d>
   5       <e>Z</e>
   6     </c>
   7   </a>
   ```

   ◉ c

   ○ e

   ○ b

   ○ a

6. Looking at the following XML, what text value would we find at path "/a/c/e"

   1 point

   ```
   1   <a>
   2     <b>X</b>
   3     <c>
   4       <d>Y</d>
   5       <e>Z</e>
   6     </c>
   7   </a>
   ```

   ○ e

   ○ Y

   ○ a

○ b
◉ Z

7. What is the purpose of XML Schema?   `1 point`

○ To transfer XML data reliably during network outages

◉ To establish a contract as to what is valid XML

○ A Python program to tranform XML files

○ To compute SHA1 checksums on data to make sure it is not modified in transit

8. If you were building an XML Schema and wanted to limit the values allowed in an **xs:string** field to only those in a   `1 point`
particular list, what XML tag would you use in your XML Schema definition?

○ xs:sequence

○ xs:complexType

◉ xs:enumeration

○ maxOccurs

○ xs:element

9. What is a good time zone to use when computers are exchanging data over APIs?   `1 point`

○ The local time zone of the sending computer

○ The local time zone of the receiving computer

◉ Universal Time / GMT

○ The local time zone of the sending computer without daylight savings time

10. Which of the following dates is in ISO8601 format?   `1 point`

○ 05/30/2002

○ May 30, 2002

○ 2002-May-30

◉ 2002-05-30T09:30:10Z

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