INS: Tutorial 5

Question 1

In the following XML fragments...

```
1   <a xmlns="http://example.com">
2       <b>
3           <c xmlns="http://another.com">Hello</c>
4       </b>
5   </a>
6
7   <x:d xmlns:x="http://another.com">
8       <x:e>
9           <x:f xmlns:y="http://example.com">Hello</x:f>
10      </x:e>
11  </x:d>
```

... the elements **<a>** and **<b>** are in the example.com namespace. Element **<c>** specifies the another.com namespace for itself, and elements **<d>**, **<e>** and **<f>** all use the **x** namespace (which is the another.com namespace). Element **<f>** declares the example.com namespace with the prefix **y**, but this prefix is not used.

Question 2

page1.xhtml

```
1   <html>
2       <head>
3           <title>Page One</title>
4       </head>
5       <body>
6           <a href="page2.xhtml">Check out page two!</a>
7       </body>
8   </html>
```

page2.xhtml

```
1  <html>
2      <head>
3          <title>Page Two</title>
4      </head>
5      <body>
6          <a href="page1.xhtml">Check out page one!</a>
7      </body>
8  </html>
```

Question 3

name=Mark&password=alligator3&age=0+**to**+25

Question 4

```
1  <xs:simpleType name="postCodeType">
2      <xs:restriction base="xs:string">
3          <xs:pattern value="[A—Z0—9]+ [A—Z0—9]+" />
4      </xs:restriction>
5  </xs:simpleType>
```

Question 5

```
1  <xs:complexType name="addressType">
2      <xs:sequence>
3          <xs:element
4              name="line" type="xs:string"
5              minOccurs="2" maxOccurs="unbounded" />
6          <xs:element
7              name="postcode" type="tns:postCodeType" />
8      </xs:sequence>
9  </xs:simpleType>
```

Question 6

```
1  <xs:element name="employee">
2      <xs:complexType>
3          <xs:sequence>
4              <xs:element name="name" type="xs:string" />
5              <xs:element name="address" type="tns:addressType" />
6          </xs:sequence>
7      </xs:simpleType>
8  </xs:element>
```