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Question 1

Press the Exhibit button to view "XML Schema Document". Select which of the following correctly describes the "Last_Date_Updated" attribute.

Options:

A- The 'Last_Date_Updated' attribute is an attribute written inside the 'Address_book' element.

B- The 'Last_Date_Updated' attribute is an attribute written inside the 'Company_Name' element.

C- The 'Last_Date_Updated' attribute is an attribute written inside one of the following elements: 'Company_Name', 'Postal Code', 'Address', 'Telephone_Number', or 'FAX'.

D- The 'Last_Date_Updated' attribute is an attribute written inside the 'Company' element. W Courier Newlr Z

Answer:

D

Question 2

Select which of the following XML Schema and its respective description is incorrect. Assume the Schema namespace prefix is "xs".

Options:

A- In the following example, the data element appears repetitively (more than once). <xs:element name='data' type='xs:string' maxOccurs='unbounded'/>

B- In the following example, the data element appears either 0 times or 1 time. <xs:element name='data' type='xs:string' minOccurs='0'/>

C- In the following example, the data element appears repetitively at least twice.
<xs:element name='data' type='xs:string' minOccurs='2' maxOccurs='unbounded'/>

D- In the following example, the data element appears repetitively between two and five times. <xs:element name='data' type='xs:string' minOccurs='2' maxOccurs='5'/>W Courier Newlr Z

Answer:

D

Question 3

Select the value that is not allowed when applying a restriction to an XML Schema with respect to the pattern below. Assume the Schema namespace prefix is "xs".

Options:

A- TG1578945

B- T15424048

C- AZ9999999

D- 1TG467859W Courier Newlr Z

Answer:

B, D

Question 4

Question Type: **MultipleChoice**

Assume you are applying a restriction in an XML Schema that defines a pattern for a Postal Code that has "three numerical digits followed by a hyphen, and then four more digits". Select which of the following is the correct coding method for this pattern. Assume the Schema namespace prefix is "xs".

Options:

A- <xs:pattern value='\d{3}-\d{4}'/>

B- <xs:pattern value='[0-9]{3}-[0-9]{4}'/>

C- <xs:pattern value='{999}-{9999}'/>

D- <xs:pattern value='[0123456789]{3}-[0123456789]{4}'/>W Courier Newlr Z

Answer:

A, B, D

Question 5

Question Type: **MultipleChoice**

In the XML Document below, the Data element value consists of an enumeration of multiple integers separated by white space. Select the answer that is correct when the prefix to specify XML Schema namespace is xs.

[XML Document]

10 24 30

A- <xs:element name='Data' type='xs:ints'/>

B- <xs:element name='Data' type='DataType'/>
<xs:simpleType name='DataType'>
<xs:list itemType='xs:int'/>
</xs:simpleType>

C- <xs:element name='Data' type='DataType'/>
<xs:simpleType name='DataType'>
<xs:union memberTypes='xs:int'/>
</xs:simpleType>

D- <xs:element name='Data' type='DataType'/>
<xs:simpleType name='DataType'>
<xs:restriction base='xs:string'>
<xs:enumeration value='xs:int'/>
</xs:restriction>
</xs:simpleType>W Courier Newlr Z

Answer:

Question 6

The content of the Product Quantity element is an integer restricted to a value of between 1 and 100. Select which of the following is correct when the prefix to specify XML Schema namespace is xs.

Options:

A- <xs:element name='ProductQuantity'>

<xs:simpleType>

<xs:restriction>

<xs:value type='1 <= ProductQuantity <= 100'/>

</xs:restriction>

</xs:simpleType>

</xs:element>

B- <xs:element name='ProductQuantity'>

<xs:simpleType>

<xs:restriction>

<xs:minInclusive value='1'/>

```
<xs:maxInclusive value='100'/>
</xs:restriction>
</xs:simpleType>
</xs:element>
```

C-
```
<xs:element name='ProductQuantity'>
<xs:simpleType>
<xs:restriction base='xs:integer'>
<xs:minInclusive value='1'/>
<xs:maxInclusive value='100'/>
</xs:restriction>
</xs:simpleType>
</xs:element>
```

D-
```
<xs:element name='ProductQuantity'>
<xs:simpleType>
<xs:restriction base='xs:integer'>
<xs:minExclusive value='1'/>
<xs:maxExclusive value='100'/>
</xs:restriction>
</xs:simpleType>
</xs:element>
```

E-
```
<xs:element name='ProductQuantity'>
<xs:simpleType>
<xs:restriction base='xs:int'>
<xs:minLength value='1'/>
<xs:maxLength value='100'/>
```

```
</xs:restriction>
</xs:simpleType>
</xs:element>W Courier Newlr Z
```

Answer:

C

Question 7

Select which of the following correctly presents a combination of an XML Schema restriction and a related definition. Assume the Schema namespace prefix is "xs".

Options:

A- When placing the following restriction, the TotalPrice element may have a value of 125. 55, but may not have a value of 170.

```
<xs:simpleType name='PriceType'>
<xs:restriction base='xs:float'>
<xs:minExclusive value='100' />
<xs:maxExclusive value='150' />
```

```
</xs:restriction>
</xs:simpleType>
<xs:element name='TotalPrice' type='PriceType'/>
```

B- When placing the following restriction, the TotalPrice element may have a value of 15000. 127.

```
<xs:simpleType name='PriceType'>
<xs:restriction base='xs:decimal'>
<xs:fractionDigits value='2' />
</xs:restriction>
</xs:simpleType>
<xs:element name='TotalPrice' type='PriceType'/>
```

C- When placing the following restriction, the ProductCode element may have a value of 'PFG-TF3/SP', but may not have a value of 'PFG-TF3'.

```
<xs:simpleType name='ProductType'>
<xs:restriction base='xs:string'>
<xs:enumeration value='PFG-SRX' />
<xs:enumeration value='PFG-V507' />
<xs:enumeration value='PFG-TF3/SP' />
</xs:restriction>
</xs:simpleType>
<xs:element name='ProductCode' type='ProductType'/>
```

D- When placing the following restriction, the ProductCode element may have a value of 'PFG-TF3/SP', but may not have a value of 'PFG-TF3'.

```
<xs:simpleType name='ProductType'>
<xs:restriction base='xs:string'>
<xs:minLength value='7' />
```

```
</xs:restriction>
</xs:simpleType>
<xs:element name='ProductCode' type='ProductType'/>W Courier Newlr Z
```

Answer:

A, C

Question 8

Select which of the following is incorrect with respect to an XML Schema element content model. Assume the Schema namespace prefix is "xs".

Options:

A- When the ProductCode element is limited to text data, and the number of character is limited, use the following simpleType to construct a definition.

```
<xs:element name='ProductCode'>
<xs:simpleType>
<xs:restriction base='xs:string'>
```

```
<xs:minLength value='1'/>
<xs:maxLength value='5'/>
</xs:restriction>
</xs:simpleType>
</xs:element>
```

B- When the ProductItem element content is a content model including a different element, use the following complexType to construct a definition.

```
<xs:element name='ProductItem'>
<xs:complexType>
<xs:sequence>
<xs:element ref='ProductCode'/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name='ProductCode' type='xs:string'/>
```

C- Use the following simpleType when element content includes both character data and an element.

```
<xs:element name='ProductItem' type='ProductType'/>
<xs:simpleType name='ProductType'>
<xs:sequence>
<xs:element ref='ProductCode'/>
</xs:sequence>
</xs:simpleType>
<xs:element name='ProductCode' type='xs:string'/>
```

D- Use the following simpleType for defining an empty element.

```
<xs:element name='ProductItem' type='ProductType'/>
```

<xs:simpleType name='ProductType' />
W Courier Newlr Z

Answer:

C, D

Question 9

Question Type: **MultipleChoice**

Select which of the following XML Schema definitions is correct when you wish to use a date type as the data type for the DateTimeStamp element that stores order receipt dates. Assume the Schema namespace prefix is "xs".

Options:

A- <xs:element name='DateTimeStamp' type='xs:time'/>

B- <xs:element name='DateTimeStamp' type='xs:date'/>

C- <xs:element name='DateTimeStamp' type='xs:sysdate'/>

D- <xs:element name='DateTimeStamp' type='xs:Timestamp'/>W Courier Newlr Z

Question 10

Question Type: MultipleChoice

Select which of the following correctly describes an XML Schema document that designates a "title" element that appears greater than 0 times and less than 10 times.

Options:

A- <?xml version='1. 0'?>

<xs:schema xmlns:xs='http://www. w3. org/2001/XMLSchema'>

<xs:element name='News' minOccurs='0' maxOccurs='10'>

<xs:complexType>

<xs:sequence>

<xs:element name='title' type='title_type' />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:complexType name='title_type'>

```
<xs:sequence>
<xs:element name='header1' type='xs:string' />
<xs:element name='header2' type='xs:string' />
</xs:sequence>
</xs:complexType>
</xs:schema>
```

B-
```
<?xml version='1. 0'?>
<xs:schema xmlns:xs='http://www. w3. org/2001/XMLSchema'>
<xs:element name='News'>
<xs:complexType>
<xs:sequence>
<xs:element name='title' type='title_type' />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:complexType name='title_type' minOccurs='0' maxOccurs='10' >
<xs:sequence> <xs:element name='header1' type='xs:string' />
<xs:element name='header2' type='xs:string' />
</xs:sequence>
</xs:complexType>
</xs:schema>
```

C-
```
<?xml version='1. 0'?>
<xs:schema xmlns:xs='http://www. w3. org/2001/XMLSchema'>
<xs:element name='News'>
<xs:complexType minOccurs='0' maxOccurs='10' >
```

```xml
<xs:sequence> <xs:element name='title' type='title_type' />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:complexType name='title_type'>
<xs:sequence> <xs:element name='header1' type='xs:string' />
<xs:element name='header2' type='xs:string' />
</xs:sequence>
</xs:complexType>
</xs:schema>
```

D-
```xml
<?xml version='1. 0'?>
<xs:schema xmlns:xs='http://www. w3. org/2001/XMLSchema'>
<xs:element name='News'>
<xs:complexType>
<xs:sequence>
<xs:element name='title' type='title_type' minOccurs='0' maxOccurs='10' />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:complexType name='title_type'>
<xs:sequence>
<xs:element name='header1' type='xs:string' />
<xs:element name='header2' type='xs:string' />
</xs:sequence>
</xs:complexType>
```

</xs:schema>W Courier Newlr Z

Answer:

D

Question 11

Press the Exhibit button to view "XML Schema". Select which of the following correctly describes the structure defined by "XML Schema".

Options:

A- The 'Company_Name' element can be designated as a child element of the 'Business_Card' element.

B- An unlimited number of child elements can be designated for 'Business_Card'.

C- The 'Company_Name' element and 'Department_Name' element must be written in a one-to-one correspondence.

D- The 'Company_Name' element and 'Telephone_Number' element must be written in a one-to-one correspondence. W Courier Newlr Z

Answer:

C

Question 12

Select which of the following is a well-formed XML document.

Options:

A- <voice>

This is <name>Linda</name> speaking.

</voice>

B- <name>Linda</name>

<voice> This is Linda speaking.

</voice>

C- <voice>

<name firstname='Linda'>

</voice>

D- <vx:voice>

This is <vx:name>Linda</name> speaking.

</voice>W Courier Newlr Z

Answer:

A