

# XML

## Exam I10-001

### XML Master Basic V2

Version: 6.0

[ Total Questions: 129 ]

**Question No : 1**

Select which of the following is an absolute requirement for a well-formed XML document.

- A. an XML declaration
- B. a Schema definition
- C. a DOCTYPE declaration
- D. an element

**Answer: D**

**Question No : 2**

Select which of the following is a correct XML declaration.

- A. `<?xml version="1.0" encoding="UTF-8">`
- B. `<?xml encoding="UTF-8">`
- C. `<?xml encoding="UTF-8" version="1.0"?>`
- D. `<?xml version="1.0"?>`

**Answer: D**

**Question No : 3**

Select which of the following correctly describes an element type declaration that includes either the "home" element or the "mobile" element as a child element of the "telephone\_number" element.

- A. `<!ELEMENT telephone_number (home,mobile)>`
- B. `<!ELEMENT telephone_number (home?mobile)>`
- C. `<!ELEMENT telephone_number (home)> <!ELEMENT telephone_number (mobile)>`
- D. `<!ELEMENT telephone_number (home|mobile)>`

**Answer: D**

**Question No : 4**

Press the Exhibit button to view the XML document "a.xml", and apply XSLT stylesheet "b.xsl" to "a.xml". Select which of the following correctly describes the transformation results.

- A. Firewall\_Unavailable
- B. Currently\_Processing
- C. Auto\_Logon
- D. Firewall\_UnavailableCurrently\_ProcessingAuto\_LogonW Courier Newlr Z

**Answer: D**

**Question No : 5**

Select which of the following correctly describes elements/attributes that do not belong to namespace "urn:sample:exam" in the XML document below.

[XML Documents]

```
<ns1:element1 attributes1="Value" xmlns:ns1="urn:sample:exam">
```

```
<element2 attributes2="Value" xmlns="urn:sample:exam">
```

```
<element3>Content</element3>
```

```
</element2>
```

```
</ns1:element1>
```

- A. attribute1 and attribute2
- B. element2 and element3
- C. element2, element3 and attribute2
- D. element2, element3, attribute1 and attribute2W Courier Newlr Z

**Answer: A**

**Question No : 6**

Press the Exhibit button to view "XML Schema Document". Select which of the following correctly describes a valid XML document with respect to "XML Schema Document".

- A. <?xml version="1.0"?>

```
<OrderItem>
<Name>Video</Name>
</OrderItem>
B. <?xml version="1.0"?>
<OrderItem>
<Name>Video</Name>
<Price>128000</Price>
<Quantity>4</Quantity>
</OrderItem>
C. <?xml version="1.0"?>
<OrderItem>
<Name>DVD</Name>
<Name>MD</Name>
<Quantity>1</Quantity>
<Quantity>2</Quantity>
<Price>125000</Price>
<Price>10800</Price>
</OrderItem>
D. <?xml version="1.0"?>
<OrderItem>
<Name>DVD</Name>
<Quantity>10</Quantity>
<Price>125000</Price>
<Name>MD</Name>
<Quantity>5</Quantity>
<Price>10800</Price>
</OrderItem>W Courier Newlr Z
```

**Answer: D**

### Question No : 7

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.

```
A. <xs:element name="ProductQuantity">
<xs:simpleType>
<xs:restriction>
<xs:value type="1 &lt;= ProductQuantity &lt;= 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 No : 8

Choose the specification that is recommended by the W3C, and defines the features and syntax to describe two-dimensional vector graphics in XML.

**A.** SMIL

**B.** RDF

**C.** SVG

**D. MathMLW Courier Newlr Z****Answer: C****Question No : 9**

Select which of the following is correct with respect to the attribute list declaration for setting "notebook" as the default value in the CDATA "type" attribute included in the "computer" element.

- A. `<!ATTLIST type CDATA "notebook">`
- B. `<!ATTLIST computer type CDATA notebook>`
- C. `<!ATTLIST computer type CDATA "notebook">`
- D. `<!ATTLIST computer type="notebook" CDATA>W Courier Newlr Z`

**Answer: C****Question No : 10**

Select the statement that is correct with respect to the XML document below.

```
<math xmlns:math="http://www. w3. org/1998/Math/MathML">
```

```
<mrow>
```

```
<msup>
```

```
<mfenced>
```

```
<mrow>
```

```
<mi>x</mi>
```

```
<mo>-</mo>
```

```
<mi>y</mi>
```

```
</mrow>
```

```
</mfenced>
```

```
<mn>3</mn>
```

</msup>

</mrow>

</math>

- A.** The math element comes under `http://www.w3.org/1998/Math/MathML` namespace; however, no other element belongs to any namespaces.
- B.** All elements within this XML document come under `http://www.w3.org/1998/Math/MathML` namespace.
- C.** No elements within this XML document belong to any namespaces.
- D.** This XML document is not a well-formed XML document. W Courier Newlr Z

**Answer: C**

### Question No : 11

Company A has decided to manage their report information using XML data. Press the Exhibit button to view "Requirements". Select which of the following DTD definitions best satisfies "Requirements".

- A.** `<!ELEMENT report (#PCDATA|name|page|software|attachment|attached_software)*>`  
`<!ELEMENT name (#PCDATA)>`  
`<!ELEMENT page (#PCDATA)>`  
`<!ELEMENT software (#PCDATA)>`  
`<!ELEMENT attachment (#PCDATA)>`  
`<!ELEMENT attached_software (#PCDATA)>`
- B.** `<!ELEMENT report (reportdata)*>`  
`<!ELEMENT reportdata (name, page, software, (attachment, attached_software)*)>`  
`<!ELEMENT name (#PCDATA)>`  
`<!ELEMENT page (#PCDATA)>`  
`<!ELEMENT software (#PCDATA)>`  
`<!ELEMENT attachment (#PCDATA)>`  
`<!ELEMENT attached_software (#PCDATA)>`
- C.** `<!ELEMENT report (reportdata)>`  
`<!ELEMENT reportdata (name, page, software, attachment*, attached_software*)>`  
`<!ELEMENT name (#PCDATA)>`  
`<!ELEMENT page (#PCDATA)>`  
`<!ELEMENT software (#PCDATA)>`  
`<!ELEMENT attachment (#PCDATA)>`  
`<!ELEMENT attached_software (#PCDATA)>`
- D.** `<!ELEMENT report (reportdata)>`  
`<!ELEMENT reportdata (name, page, software, alist)*>`

```
<!ELEMENT name (#PCDATA)>
<!ELEMENT page (#PCDATA)>
<!ELEMENT software (#PCDATA)>
<!ELEMENT alist (attachment, attached_software)>
<!ELEMENT attachment (#PCDATA)>
<!ELEMENT attached_software (#PCDATA)>W Courier Newlr Z
```

**Answer: B**

### Question No : 12

Select which of the following is correct with respect to XSLT.

- A. XSL-FO must be used when using an XSLT stylesheet to display an XML document.
- B. Only a single XSLT stylesheet may be applied to a single XML document.
- C. An XSLT stylesheet can be used to acquire the values of specific elements within an XML document.
- D. The XSLT Version 1.0 recommendation defines special instructions to create a corresponding DTD from the original XML document. W Courier Newlr Z

**Answer: C**

### Question No : 13

Select which of the following correctly describes the XML namespace to which the -->(1) "price" element in the "XML Document" below belongs.

[XML Documents]

```
<?xml version="1.0"?>
<products xmlns="urn:sample:product">
  <item:product xmlns:item="urn:sample:item">
    <item:name>T-Shirt</item:name>
    <price>2500</price> -->(1) </item:product>
  </products>
```

- A. urn:sample:product

- B. urn:sample:item
- C. item
- D. None W Courier Newlr Z

**Answer: A**

**Question No : 14**

Select which of the following correctly describes a namespace to which the "price" element in the XML document below belongs.

```
<message xmlns="urn:sample:order"
xmlns:product="urn:sample:product">
<product:list xmlns="urn:sample:list">
<name>XML study guide</name>
<price>536</price> <
/product:list>
<order>
<customerID>J058974</customerID>
<number>1</number>
</order>
</message>
```

- A. urn:sample:order
- B. urn:sample:product
- C. urn:sample:list
- D. Does not belong to any namespace. W Courier Newlr Z

**Answer: C**

**Question No : 15**

Select which statement correctly sets the attribute value "S Wonderful".

- A. <Music Title="S Wonderful"/>
- B. <Music Title='S Wonderful'/>
- C. <Music Title='&apos;S Wonderful'/>
- D. <Music Title="&quot;S Wonderful"/>W Courier Newlr Z

**Answer: A,C**

**Question No : 16**

Press the Exhibit button to view the XML document "a. xml", and apply XSLT stylesheet "b. xsl" to "a. xml". Select which of the following correctly describes the transformation results.

- A. Local\_Area\_Connection
- B. Local\_Area\_ConnectionSMTPAdministrator
- C. 2004/07/07Local\_Area\_ConnectionCurrently\_ProcessingSMTPAdministrator
- D. Nothing is outputW Courier Newlr Z

**Answer: B**

**Question No : 17**

When using an XML processor to read the XML document below, which answer correctly describes the value that entity reference "&name;" replaces? Assume that the XML processor can read "external. txt".

[external. txt]

```
<?xml version="1. 0" encoding="UTF-8"?>
```

```
<name>gloria</name>
```

[XML Documents]

```
<?xml version="1. 0" encoding="UTF-8"?>
```

```
<!DOCTYPE text [
```

```
<!ELEMENT text (#PCDATA|name)*>
```

```
<!ELEMENT name (#PCDATA)>
```