



Free Questions for I10-002 by vceexamstest

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Question 1

Question Type: MultipleChoice

Push the Exhibit Button to load the referenced "XML Document". When processing the "XML Document" according to the method shown by "SAX Processing," which of the following correctly describes the output results (println method output)?

[XML Document]

2004-07-01

2004-07-01-09:00

2004-07-01 13:00

Assume that the processed XML Document has no indents (ignorable white space such as line feeds, tabs, etc.). Although the expected processing result is choice "A", processing may not occur as expected. [SAX Processing] Use the following "ContentHandlerImpl" class, and parse the XML Document using SAX. The SAX parser is namespace aware. Assume no execution errors.

Options:

A- 0001#Job of 2 hours

0002#Job of 3 hours

B- 0001#Job of hours

0002#Job of hours

C- #Job of 2 hours

#Job of 3 hours

D- #Job of hours

#Job of hours

E- Nothing is output.

Answer:

A

Question 2

Question Type: MultipleChoice

When processing the following "XML Document" according to the method shown by "SAX Processing," which of the following correctly describes the output results (println method output)?

[XML Schema]

```
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="Report">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="Visit" />
        <xs:element ref="Finished" />
        <xs:element ref="Comments" />
        <xs:element name="Status" type="workStatus" default="end" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="Visit" type="workDate" />
  <xs:element name="Finished" type="workDate" />
  <xs:element name="Comments" type="xs:string" />
  <xs:simpleType name="workStatus">
    <xs:restriction base="xs:token">
      <xs:enumeration value="end" />
      <xs:enumeration value="continue" />
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="workDate">
    <xs:attribute name="Date" type="xs:date" use="required" />
  </xs:complexType>
</xs:schema>
```

Settings are such that the SAX parser is namespace aware and performs a validation check against the "XML Schema" ("XML Schema" referenced when the Exhibit Button is pushed). Assume that the processed XML Document has no indents (ignorable white space such as line feeds, tabs, etc.). Use the following "ContentHandlerImpl" class, and parse the XML Document using SAX. Settings are such that the SAX parser is namespace aware and performs a validation check against the "XML Schema" ("XML Schema" referenced when the Exhibit Button is pushed).

Options:

- A- 2004-07-01T13:00:00+09:00 2004-07-01T15:00:00+09:00 No problems
- B- No problems end
- C- No problems continue
- D- No problems

Answer:

B

Question 3

Question Type: MultipleChoice

Push the Exhibit Button to load the referenced "XML Document". When processing the "XML Document" according to the method shown by "SAX Processing," which of the following correctly describes the output results (println method output)? Assume that the processed XML Document has no indents (ignorable white space such as line feeds, tabs, etc.). Although the expected processing result is choice "A", processing may not occur as expected. [SAX Processing] Use the following "ContentHandlerImpl" class, and parse the XML Document using SAX. The SAX parser is namespace aware. Assume no execution errors.

```

class ContentHandlerImpl extends DefaultHandler {
    boolean status=false, datetime=false;
    String name="", statusStr="", dateStr="";

    public void startElement(
        String namespaceURI, String localName, String qName, Attributes atts)
        throws SAXException {
        if (namespaceURI.equals("urn:xmldata:ACTIVITY")) {
            datetime = localName.equals("DateTime");
            status = localName.equals("Status");
            if (localName.equals("Contact"))
                name = atts.getValue("", "Name");
        }
    }

    public void endElement(String namespaceURI, String localName, String qName)
        throws SAXException {
        datetime = status = false;
    }

    public void characters(char[] ch, int start, int length)
        throws SAXException {
        if (datetime)
            dateStr += new String(ch, start, length);
        if (status)
            statusStr += new String(ch, start, length);
    }
}

```

Options:

A- 2004-06-30 09:00:Gina Jones

B- 2004-06-30 09:00:

C- :Gina Jones

D- Nothing is output.

Answer:

A

Question 4

Question Type: MultipleChoice

Select which of the following correctly describes the output results of an XSLT transformation of the following "XML Document" using the "XSLT Style Sheet". Note that the XSLT processor can output transformation results as a document.

[XML Document]

```
<number>1</number>
```

[XSLT Style Sheet]

```
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
```

```
  <xsl:output method="text"/>
```

```
  <xsl:template match="/">
```

```
    <xsl:call-template name="PRINT">
```

```
      <xsl:with-param name="VAR" select="number" />
```

```
      <xsl:with-param name="END" select="number + 2" />
```

```
    </xsl:call-template>
```

```
  </xsl:template>
```

```
  <xsl:template name="PRINT">
```

```
    <xsl:param name="VAR" select="0" />
```

```
    <xsl:param name="END" select="2" />
```

```
    <xsl:if test="$VAR &lt; $END">
```

```
      <xsl:value-of select="$VAR" />
```

```
      <xsl:call-template name="PRINT"/>
```

```
      <xsl:with-param name="VAR" select="$VAR+1" />
```

```
      <xsl:with-param name="END" select="$END" />
```

```
    </xsl:call-template>
```

```
    </xsl:if>
```

```
  </xsl:template>
```

```
</xsl:stylesheet>
```

[XML Document]

Options:

A- 0

B- 1

C- 01

D- 12

E- 012

F- 123

Answer:

D

Question 5

Question Type: MultipleChoice

Push the Exhibit Button to load the referenced "XML Document" and "XSLT Style Sheet".

[XML Document]

```
<report>
  <!--This is a comment-->
  <date>2005-01-01</date>
  <place>South Street, East Town</place>
  <data value="102"/>
  <data value="89"/>
  <data value="70"/>
</report>
```

[XSLT Style Sheet]

```
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
  <xsl:template match="/">
    <output>
      <xsl:apply-templates select="report" />
    </output>
  </xsl:template>
  <xsl:template match="*(text)">
    <xsl:copy>
      <xsl:apply-templates select="@*|*(text)" />
    </xsl:copy>
  </xsl:template>
  <xsl:template match="place">
    <xsl:template match="@*">
      <xsl:element name="{name(.)}"><xsl:value-of select="." /></xsl:element>
```

Select which of the following correctly describes the output results of an XSLT transformation of the "XML Document" using the "XSLT Style Sheet". Note that the XSLT processor can output transformation results as a document. Line feeds and indents are not reflected.

Options:

A- <output>
<report/>
</output>

B- <output>
<report>
<date>2005-01-01</date>
</report>
</output>

C- <output>
<report>
<date>2005-01-01</date>
<value>102</value>
<value>89</value>
<value>70</value>
</report>
</output>

D- <output>
<report>

```
<!--This is a comment-->
<date>2005-01-01</date>
South Street, East Town
<value>102</value>
<value>89</value>
<value>70</value>
</report>
</output>
```

```
E- <output>
<report>
<date>2005-01-01</date>
<data><value>102</value></data>
<data><value>89</value></data>
<data><value>70</value></data>
</report>
</output>
```

```
F- <output>
<report>
<!--This is a comment-->
<date>2005-01-01</date>
South Street, East Town
<data><value>102</value></data>
<data><value>89</value></data>
<data><value>70</value></data>
</report>
```

</output>

Answer:

E

Question 6

Question Type: MultipleChoice

Which of the following correctly describes a data binding tool that maps XML data and programming objects?

Options:

- A-** A data binding tool implements W3C XML data binding
- B-** There are several data binding tools, but none of these tools can handle XML namespaces
- C-** There are several data binding tools, with different tools suited for different schema languages
- D-** There are several data binding tools, but as long as the same programming language is used, all method names and arguments lists for XML operations are the same for every tool

Answer:

C

Question 7

Question Type: MultipleChoice

Select which of the following correctly describes the DOM (Level 2) tree after parsing the "XML Document."

Note that "&" is a character reference described as "&".

[XML Document]

<contents&

Options:

- A-** The data element (Element) value (nodeValue) is '<contents&'
- B-** The data element (Element) child node is a text node (Text) having a value (nodeValue) of '<contents&'
- C-** There are three child nodes for the data element (Element)
- D-** There is no method to know that '&' was a character reference once the DOM tree has been built

Answer:

D

Question 8

Question Type: MultipleChoice

Select which of the following correctly describes the message reception processing circumstances when a well-formed XML document has been sent/ received. [Transmission] Character encoding for the transmitted XML document is "UTF-16", and no XML declaration has been specified. The media type for transmission is set as "text/xml" without charset parameter. [Receipt] Implementation follows RFC3023 and XML 1.0. The receiving system first identifies the media type, and then processes the XML document. At the point that character encoding has been determined, an XML declaration (including encoding declaration) is appended automatically to the head of the received XML document.

Options:

- A-** The media type identification appends `<?xml version='1.0' encoding='us-ascii'?>`, at which point the XML processor throws an error when processing the XML document
- B-** The media type identification appends `<?xml version='1.0' encoding='UTF-8'?>`, at which point the XML processor throws an error when processing the XML document
- C-** Character encoding is determined by the system locale. Since the XML declaration is appended accordingly, in certain cases the

XML processor will throw an error when processing the XML document

D- The character encoding is identified from the XML Document binary. An XML declaration (<?xml version='1.0' encoding='UTF-16'?>) is appended accordingly

Answer:

A

Question 9

Question Type: MultipleChoice

Which of the following does not correctly describe the merits of adopting a standard language such as XBRL or NewsML when transmitting XML data between two different companies?

Options:

A- It is easy to achieve agreement as to the XML format to be used for transmission between the developers of the linked system

B- If there is an application package product available, a cost comparison can be made between purchasing the package or developing the application in-house to make the most cost-effective selection

C- Once a system is developed, it is easy to use to link to a different system of another company

D- Since the language design has already placed a premium on performance, there will be no need to consider performance tuning during system development

Answer:

D

Question 10

Question Type: MultipleChoice

Which of the following is clearly an unnecessary step in procedures to create digital signature via XML-Signature?

Options:

A- Prepare a key for signing

B- Normalize the subject of the signature (normalization via Canonical XML, etc.)

C- Remove namespaces in the subject of the signature

D- Calculate a digest of the subject of the signature

Answer:

C

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