

Exam Code: 000-M34

Exam Name: IBM Information Management pureXML

Technical Mastery Test v2

Vendor: IBM

Version: DEMO

Part: A

1: Which query retrieves an output identical to xquery db2-fn:xmlcolumn("XMLCUSTOMER.INFO");?

- A.xquery db2-fn:sqlquery("select info from xmlcustomer");
- B.xquery count(db2-fn:xmlcolumn('XMLPRODUCT.DESRIPTION')/product[description/price < 40]);
- C.xquery db2-fn:sqlquery("select info from xmlcustomer where cid = 1002");
- D.xquery db2-fn:xmlcolumn('XMLCUSTOMER.INFO')/customerinfo[addr/city='Toronto']/name;

Correct Answers: A

2: Which statement is FALSE about XQuery?

- A.XQuery provides the means to extract and manipulate data from XML documents.
- B.XQuery is for relational databases what SQL is for XML.
- C.XQuery provides the means to extract and manipulate any data source that can be viewed as XML.
- D.XQuery uses XPath expression syntax to address specific parts of an XML document.

Correct Answers: B

3: Which feature of DB2 9.5 makes it simple to compress XML data because a reorg is no longer necessary?

- A.RUNSTATS
- B.cost-based optimizer
- CAutomatic Dictionary Creation (ADC)
- D.Net Search Extender (NSE)

Correct Answers: C

4: Three of the Xquery statements below are equivalent expressions. Select the one that is not.

- A.xquery
for \$i in db2-fn:xmlcolumn(XMLCUSTOMER.INFO)
where \$i/customerinfo/name = John Doe
return \$i/addr;
- B.xquery
db2-fn:xmlcolumn(XMLCUSTOMER.INFO)/customerinfo/name = John Doe/addr;
- C.xquery
for \$i in db2-fn:xmlcolumn(XMLCUSTOMER.INFO)/customerinfo[name = John Doe]
return \$i/addr;
- D.xquery
db2-fn:xmlcolumn(XMLCUSTOMER.INFO)/customerinfo[name = John Doe]/addr;

Correct Answers: B

5: In what should a nested expression be enclosed if the content of an element or attribute must be computed?

- A.< >
- B.{ }
- C.()
- D.//

Correct Answers: B

6: What is NOT a recommendation concerning page size for XML?

- A.have only one page size in the entire database with a single buffer pool
- B.use the largest page size possible when managing relational data
- C.be mindful that documents with fewer regions offer better performance
- D.choose page size depending on document size

Correct Answers: B

7: Which statement is true?

- A.XML data is self-describing (the data is mixed with metadata).
- B.Relational data has an intrinsic order.
- C.XML data is regular and homogenous; relational data is extensible.
- D.Relational data is hierarchical and nested; XML data is flat.

Correct Answers: A

8: Which action is NOT recommended when performing fast bulk inserts of XML documents?

- A.use DMS and a large page size
- B.observe all the insert performance guidelines that exist for relational data
- C.use alter table append on
- D.use IMPORT instead of LOAD in DB2 9.5

Correct Answers: D

9: Which statement is true about XML attributes?

- A.Attributes are always in quotes.
- B.Attributes can be repeated.
- C.Attributes can be extended.
- D.Attributes are less efficient than elements.

Correct Answers: A

10: Given this query: xquery

```
for $i in (1,2,3,4)
let $x := $i * 3
where $x > 6
return <tag> $x </tag>
```

Which is the correct result?

- A.<tag> 9</tag>
<tag> 12 </tag>
- B.<tag> \$9, \$12 </tag>
- C.<tag> \$9 </tag>

<tag> \$12 </tag>
D.<tag> \$x </tag>
<tag> \$x </tag>

Correct Answers: D

11: If your XML data contains namespaces, you should

- A.Declare the namespaces in your queries
- B.Specify the NAMESPACES option when creating your table
- C.Specify the NAMESPACES option when creating the tablespace for your table
- D.Ignore the namespaces in your SQL/XML queries but include them in your XQueries

Correct Answers: A

12: Which new SQL/XML function in DB2 V9 is used to filter your return set?

- A.XMLQuery
- B.XMLValidate
- C.XMLExists
- D.XMLParse

Correct Answers: C

13: When registering XML Schemas, which step in the multi-step operation detects missing documents?

- A.XSR_COMPLETE
- B.XSR_REGISTER
- C.XSR_ADDSCHEMADOC
- D.DROP XSROBJECT

Correct Answers: A

14: What is the maximum size of an XML document stored natively in DB2 9.5?

- A.500 MB
- B.1 GB
- C.2 GB
- D.4 GB

Correct Answers: C

15: Which XML document is well-formed?

- A.<a>bla
- B.<a>bla
- C.
- D.bla
<c>blub</c>

Correct Answers: B