

Exam Code: 000-349

Exam Name: IBM WebSphere Transformation Extender
V8.2 Application Dev.

Vendor: IBM

Version: DEMO

Part: A

1: Out of all the available settings for the location of the workspace, which one of the following is the most optimal setting for performance when processing small transactions such as MQ messages?

- A.Workspace = File
- B.Workspace = Burst
- C.Workspace = Memory
- D.Workspace = Page

Correct Answers: C

2: One way to modify a type tree to increase performance is to:

- A.map the unused elements that are not used to =NONE.
- B.combine any contiguous elements that will not be mapped into a large blob.
- C.move the unused elements into a reserved category called nonUsed
- D.change the numeric type elements to alphanumeric type elements.

Correct Answers: B

3: If the application developer wants to read a 2GB file that contains two million records of 1KB each and ensure that no data is processed unless all the input data is valid. What are the correct card settings?

- A.FetchAs= Integral, Scope=Map, OnSuccess=Delete, OnFailure=Rollback
- B.FetchAs= Burst, Scope=Burst, OnSuccess=Delete, OnFailure=Rollback
- C.FetchAs= Integral, Scope=Card, OnSuccess=Delete, OnFailure=Rollback
- D.FetchAs= Burst, Scope=Map, OnSuccess=Delete, OnFailure=Rollback

Correct Answers: D

4: Referring to the Exhibit, which map rule function takes the most time to run?

Function summary		
Function	Iterations	Time
VALIDATE_CARD	2	148
BUILD_CARD	2	216
TYPE_NAME	165	73
FLOAT_CONSTANT	9	1
MULT_OP	8	9
NONE	8	0
GETFILENAME	1	0
COUNT	1	2
CURRENTDATE	9	6
CURRENTTIME	1	0
EXTRACT	8	22
LOOKUP	8	28
ROUND	8	14
SUM	1	5
MAP_NAME	8	162
TEXTTONUMBER	8	6
ADDDAYS	1	1
EITHER	8	3

- A.BUILD_CARD
- B.MAP_NAME

C.TYPE_NAME

D.LOOKUP

Correct Answers: D

5: One way to modify a type tree to increase performance is to:

A.eliminate the specification of groups when not necessary.

B.reduce the number of categories whenever necessary.

C.reduce the length of the names of groups and elements.

D.join referenced text fields and then use the Substring map function.

Correct Answers: A

6: A map has been designed to append to an audit log when a validation error occurs. The map is being run using the Command Server. At runtime, the map intermittently fails. After some investigation it is determined that the same map is being called by a RUN function in another map. Select the option that may reduce the number of map failures.

A.Enable a Map Retry.

B.Enable a Card Retry on the input cards.

C.Change the Map Audit Action setting from append to create

D.Modify the map settings to specify a custom file name for the audit log.

Correct Answers: A

7: An application developer has a file which consists of fixed length records. The first record is a header record followed by some number of detail records. The number of detail records is expressed by a value found in the header record. How does the developer define this type of data in WebSphere Transformation Extender?

A.Use a Map function to keep track of how many detail records there are

B.Write a custom function to store the number of detail records in the map context

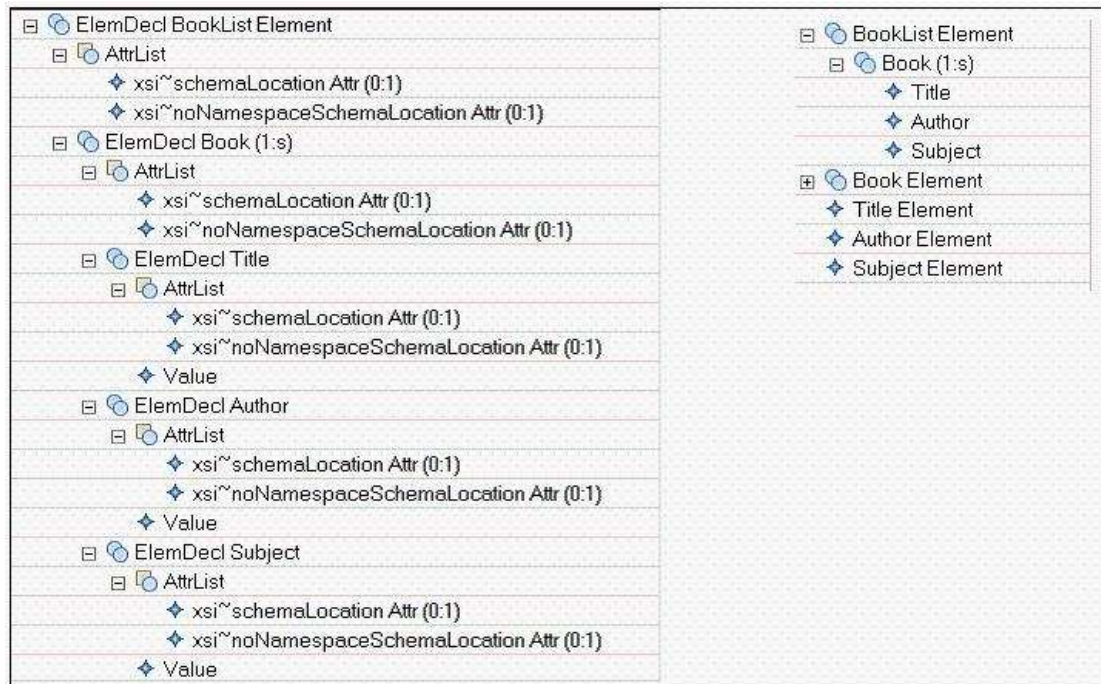
C.Use a component rule to compare the current record to the value found in the header.

D.Index the input based on the count in the header record

Correct Answers: C

8: Refer to Exhibit.

Which one of the following statements is true with regards to the type trees created using the XML Schema Importer.



- A. The trees were created with different schemas
- B. One tree was created using XSDL Hints and Xerces validation.
- C. One tree was created using Classic validation and XSDL Hints.
- D. One tree was created using Classic validation and the other using Xerces validation.

Correct Answers: B

9: The Analyze Tree results contain the message:

L201 Different data objects of COMPONENT 1 are not distinguishable in TYPE file Data (warning)

What action do you need to take?

- A. Add delimiters to the File group.
- B. Add a Terminator to the File group.
- C. Write a map designed to help you identify the bad data.
- D. Define component 1 of File differently, or more specifically.

Correct Answers: D

10: Which of the following statements are true of a component rule? A component rule:

- A. is used to create output.
- B. is used for data validation.
- C. is always evaluated even if an optional component is not present in the data.
- D. can refer to any other component in the component list.

Correct Answers: B C

11: Complex objects in a data stream:

- A. are binary
- B. contain other objects
- C. must be in a choice group

D.contain special characters

Correct Answers: B

12: Which statement about syntax items is true:

- A.They must have a restriction list.
- B.They have a maximum length of 1 byte.
- C.The value must come from the input data.
- D.They cannot be used as variable initiators.

Correct Answers: A

13: The size of an object defined as a text item in a type tree:

- A.is set to zero if the item is an optional component.
- B.includes initiator, terminator, and release characters.
- C.excludes initiator, terminator, and release characters.
- D.requires that pad characters be counted when determining the maximum size.

Correct Answers: C

14: The example below shows 3 records of a file. Each record is terminated with a <NL> character. The file is not limited to a specific number of records.

```
CMS Business Systems   S30093467390212200815AN<NL>
CMS Business Systems   S40073617390628200817NN<NL>
CMS Business Systems   S40073617390628200817NN<NL>
```

The type tree has been constructed with two groups named File and Record. Select the options that best define the format and component syntax properties for the two groups:

- A.The File component is defined as Format = Explicit and Component Syntax = Fixed; the Record component is defined as Format = Explicit and Component Syntax = Fixed
- B.The File component is defined as Format = Explicit and Component Syntax = None; the Record component is defined as Format = Explicit and Component Syntax = None
- C.The File component is defined as Format = Implicit and Component Syntax = None; the Record component is defined as Format = Explicit and Component Syntax = Fixed.
- D.The File component is defined as Format = Implicit and Component Syntax = Fixed; the Record component is defined as Format = Implicit and Component Syntax = None

Correct Answers: C

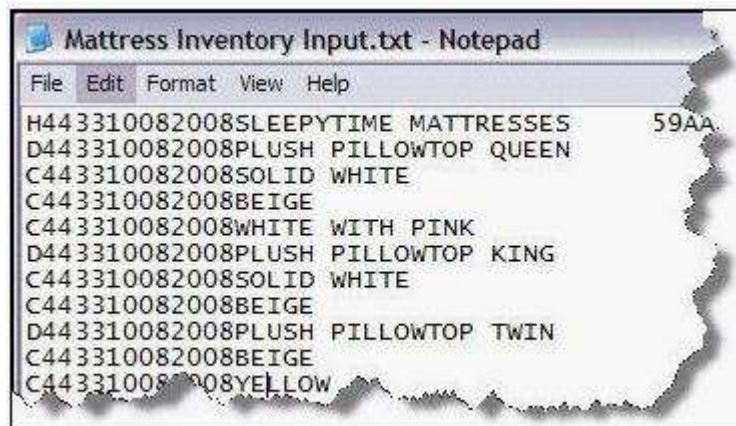
15: What is the primary difference between a choice group and a partitioned group.

- A.A partitioned group can contain both items and groups as components, a choice group can only contain groups as components.
- B.A choice group can have both items and groups as components, a partition group can only have groups as subtypes.
- C.A partitioned group requires that data must be distinguishable; a choice group does not.
- D.A choice group requires that data must be distinguishable, a partitioned group does not.

Correct Answers: B

16: Refer to the Exhibit. A large corporation manufactures beds in different colors. The inventory

file consists of three record types, a header, a detail, and bed color. The record type is the first byte of each record (H=Header, D=Detail, C=Color). If there is an error in one of the bed color records, all of the color records under that detail record should be ignored. How do you specify that all color records should be ignored if one is found to be invalid?



- A. Use the restart attribute on the detail record
- B. Use the restart attribute on the color record
- C. Use the restart attribute on the header record.
- D. Use the restart function in the map.

Correct Answers: A

17: Which of the following statements are true of syntax items.

Syntax items:

- A. can only be defined as character data.
- B. can be defined as character or binary data.
- C. are used as separators between portions of data.
- D. are limited to 10 bytes.

Correct Answers: A C

18: If you had to create a type tree that contained numerous infix delimited groups, and numerous unsigned integer elements, what would be the easiest way to create the type tree? Create:

- A. a group with group and item properties.
- B. a category with the group and item properties.
- C. separate groups for group properties and item properties.
- D. the groups and elements then organize them as a subtype of a category.

Correct Answers: B

19: The structure of the following file has been partially defined in a type tree:

~Smith~Robert~Programmer<NL>

~Doe~John~Manager<NL>

The properties of the types have not been completely defined. Select the option that defines the properties for the use of the tilde (~) character in the sample file.



A. Define ~ character as the initiator and terminator of LastName and FirstName types and initiator of Title type.

B. Define ~ character as a prefix delimiter of the File type.

C. Define ~ character as a prefix delimiter of the Record type.

D. Define ~ as a floating component of the Record type.

Correct Answers: C

20: Refer to the Exhibit. The Exhibit shows the group view for an input type tree that defines a purchase order (PO) file. The component rule on the Record component:

File	
Component	
#1 PO (s)	
#1 Record (s)	PO# Field:Record = PO# Field:Record[LAST]
#1 PO# Field (1:1)	
#2 Quantity Field (1:1)	
#3 Item Field (1:1)	
#4 Price Field (1:1)	

A. selects the last PO record

B. identifies the end of the PO file

C. counts the number of PO records

D. identifies the beginning of a new PO

Correct Answers: D