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Question 1

Question Type: MultipleChoice

Refer to the exhibit.

```
239
240 CompaniesDetails:
241 LOAD [CompanyID],
242       Age(Today(),CompanyStarted) as CompanyAge;
243 LOAD
244       [CompanyID],
245       [CompanyStarted]
246
247 FROM [lib://MyDataFiles/DAExam1.xlsx]
248 (ooxml, embedded labels, table is [Company Names]);
249
250 let a = FieldName(2, 'CompaniesDetails');
251 Trace $(a);
252
253 CompaniesDesc:
254 LOAD
255       [CompanyID],
256       [CompanyDescription],
257       [CompanyName]
258 FROM [lib://MyDataFiles/DAExam1.xlsx]
259 (ooxml, embedded labels, table is [Company Names]);
260
```

A business analyst reports that the 'CompanyAge' field does NOT display for users. The data architect examines the LOAD script and wants to place the breakpoint in the script to check the field name.

Which line number should the data architect use?

Options:

- A- 242 because field name appears in the output Panel of the debugger
- B- 251 because the field name appears in the Variable panel of the debugger
- C- 251 because the field name appears in the Qlik Log files
- D- 251 because the field name appears in the Output panel of the debugger

Answer:

D

Question 2

Question Type: MultipleChoice

A data architect builds a data model for a large user group. Some sheets will be published, and the app will allow users to create their own visualizations and analyze dat

a. Some fields must NOT appear in any field list.

How should a data architect meet these requirements?

Options:

- A- Use HidePrefix variable
- B- Add fields to master items
- C- Use security rules
- D- Use HideField variable

Answer:

C

Explanation:

The best way for a data architect to meet the requirements of not allowing some fields to appear in any field list is to use security rules. Security rules can be used to restrict access to certain fields, which will ensure that they don't appear in any field list or visualization. Additionally, security rules can also be used to restrict access to certain data models, ensuring that only users with the right permissions can view and analyze the data.

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-rls>

Row-level security (RLS) with Power BI - Power BI | Microsoft Learn

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-rls>

<https://www.tableau.com/learn/articles/data-visualization>

What Is Data Visualization? Definition & Examples | Tableau

<https://www.tableau.com/learn/articles/data-visualization>

<https://www.edureka.co/blog/interview-questions/power-bi-interview-questions/>

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Question 3

Question Type: MultipleChoice

A company decides to migrate all apps from QlikView to Qlik Sense. After converting an apps: there are several unconverted objects
What should the data architect do?

Options:

- A-** Save the unconverted objects as extensions and import them into Qlik Sense
- B-** Remove the set analysis statements from the unconverted objects

- C- Re-create the unconverted objects
- D- Save the unconverted objects as master items

Answer:

C

Explanation:

After migrating an app from QlikView to Qlik Sense, there may be some unconverted objects. In this case, the data architect should re-create the unconverted objects in order to ensure that the app works properly in Qlik Sense. The other options will not work, as saving the unconverted objects as extensions or master items will not ensure that the app works properly, and removing set analysis statements will not help either.

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Talk to Experts Tuesday - Migrating from QlikView to Qlik Sense FAQ

<https://community.qlik.com/t5/Support-Knowledge-Base/Talk-to-Experts-Tuesday-Migrating-from-QlikView-to-Qlik-Sense/ta-p/1746935>

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Question 4

Question Type: MultipleChoice

Refer to the exhibit.

SalesRepMaster

Sales Rep 🔑

Sales Rep Name

CustomerMaster

Sales Rep 🔑

Segment

Address Number

Business Family

Customer

Customer Number

Customer Type

Distribution Channel M...

Division

Phone

Region Code

Regional Sales Mgr

Zone Mgr



▼ Preview

Add as dimension

Add as measure

Sales Rep	
Density	100%
Subset ratio	59.3%
Has duplicates	false
Total distinct values	64
Present distinct values	38
Non-null values	38
Tags	\$key \$numeric \$integer

Refer to the exhibits.

While using an app, the users report that some Sales Reps do NOT have personal details, like Division or Address Number A data architect has been called in to investigate.

The data architect uses the data model viewer to determine the relationship between the SalesRepMaster and CustomerMaster tables.

What is the cause of the issue?

Options:

- A- 26 values for Sales Rep are null in CustomerMaster
- B- 40.7% of the Sales Rep have CustomerMaster information
- C- 59.3% of the Sales Rep have CustomerMaster information
- D- Density is 100% while Total Distinct and Present Distinct are NOT the same

Answer:

D

Explanation:

When using the data model viewer to investigate the relationship between the SalesRepMaster and CustomerMaster tables, the data architect would look at the density of the relationship. Density is a measure of how well the key fields of a table match the key fields of another table. A density of 100% means that all key fields in one table have a match in the other table.

When the density is 100% but the total distinct and present distinct values for the key fields of the related tables do not match, it means that some of the key fields in one table do not have a match in the other table, this is the cause of the issue.

Question 5

Question Type: MultipleChoice

A data architect is using an Include statement to load the collection of variables from a TextFiles folder connection into an app. The data architect needs to load the data and generate an error if it fails.

Which statement should the data architect use?

Options:

- A- `$<Include=lib://TextFiles/Variables.txt);`
- B- `$(Must_Include=lib://TextFiles/Variables.txt);`
- C- `(Must_Include=lib://TextFiles/Variables.txt);`
- D- `(Includes=lib://TextFiles/Variables.txt);`

Answer:

B

Explanation:

The MustInclude statement provides an error if the include fails and is used when including files in Qlik Sense. The other statements do not provide an error if the include fails.

<https://www.qlik.com/us/-/media/files/training/global-us/qlik-sense-certification-exam-study-guide-en.pdf?la=en&hash=9DA9DEBC7D27BF1CA8373E81F2614C85>

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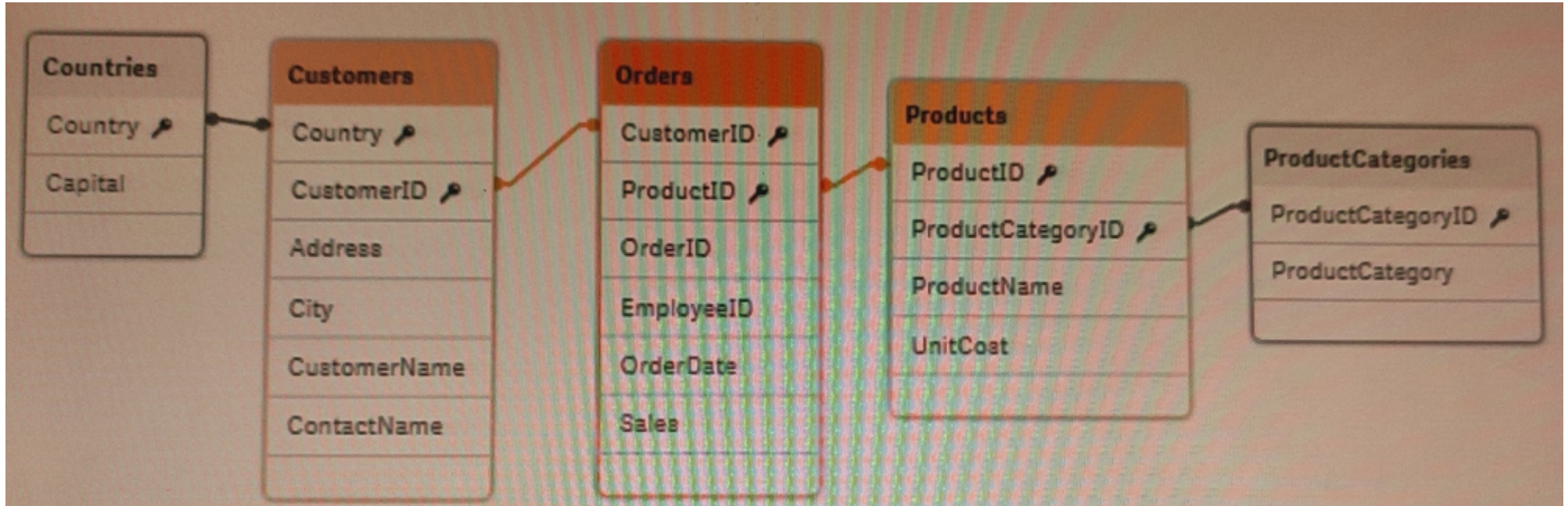
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The \$(Must_Include) statement is used to load a file or a set of files and generate an error if the load fails. The 'Must_Include' function will stop the script execution if the file is not found or cannot be loaded. The correct syntax for using the 'Must_Include' statement is \$(Must_Include=lib://TextFiles/Variables.txt);

Question 6

Question Type: MultipleChoice

Refer to the exhibit.



A data architect needs to add a Budget table to the current Qlik Sense app. A Budget table with the fields Budget, CustomerID, and ProductID is loaded into the model. What will be created?

Options:

A- A circular reference with one table disconnected

- B-** A synthetic table with two synthetic keys
- C-** A synthetic table with three synthetic keys
- D-** A synthetic table and one synthetic key

Answer:

A

Question 7

Question Type: MultipleChoice

Refer to the exhibit.

A data architect needs to modify the script to ONLY load rows from Table_B when Field_1 and Field_2 are the same as in Table_

Options:

A- (For example, only the row containing A, 1, 456 should be loaded from Table_B.)

Which script should the data architect use?

A)

```
) Table_A:
LOAD * INLINE [
Field_1, Field_2, Field_3
A, 1, 001
A, 2, 003
B, 3, 005 ];

Table_B:
LOAD * INLINE [
Field_1, Field_2, Field_4
A, 1, 456
A, 3, 567
B, 1, 789]
Where Exists(Field_1,Field_2);
```

B)

```
) Table_A:
LOAD * INLINE [
Field_1, Field_2, Field_3
A, 1, 001
A, 2, 003
B, 3, 005 ];
Right Keep(Table_A)

Table_B:
LOAD * INLINE [
Field_1, Field_2, Field_4
A, 1, 456
A, 3, 567
B, 1, 789];
```

C)


```
D) Table_A:
LOAD * INLINE [
Field_1, Field_2, Field_3
A, 1, 001
A, 2, 003
B, 3, 005 ];

Table_B:
Left Keep(Table_A)
LOAD * INLINE [
Field_1, Field_2, Field_4
A, 1, 456
A, 3, 567
B, 1, 789];
```

D)

```
Table_A:
LOAD * INLINE [
Field_1, Field_2, Field_3
A, 1, 001
A, 2, 003
B, 3, 005 ];

Table_B:
LOAD * INLINE [
Field_1, Field_2, Field_4
A, 1, 456
A, 3, 567
B, 1, 789]
Where Exists(Field_*);
```

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

B

Question 8

Question Type: MultipleChoice

A data architect needs to write the expression for a measure on a KPI to show the sales person with the highest sales. The sort order of the values of the fields is unknown. When two or more sales people have sold the same amount, the expression should return all of those sales people.

Which expression should the data architect use?

Options:

- A- FirstSortedValue (Salesperson, -Aggr (Sum(Sales) , Salesperson))
- B- Concat(DISTINCT IF (Aggr (Rank (Sum (Sales) , 4) , Salesperson) =1, Salesperson) , '')
- C- FirstSortedValue (DISTINCT Salesperson, -Aggr (Sum(Sales) , Salesperson))
- D- Concat (DISTINCT IF (Aggr (Rank (Sum (Sales) , 1) , Salesperson) =1, Salesperson) , '')

Answer:

D

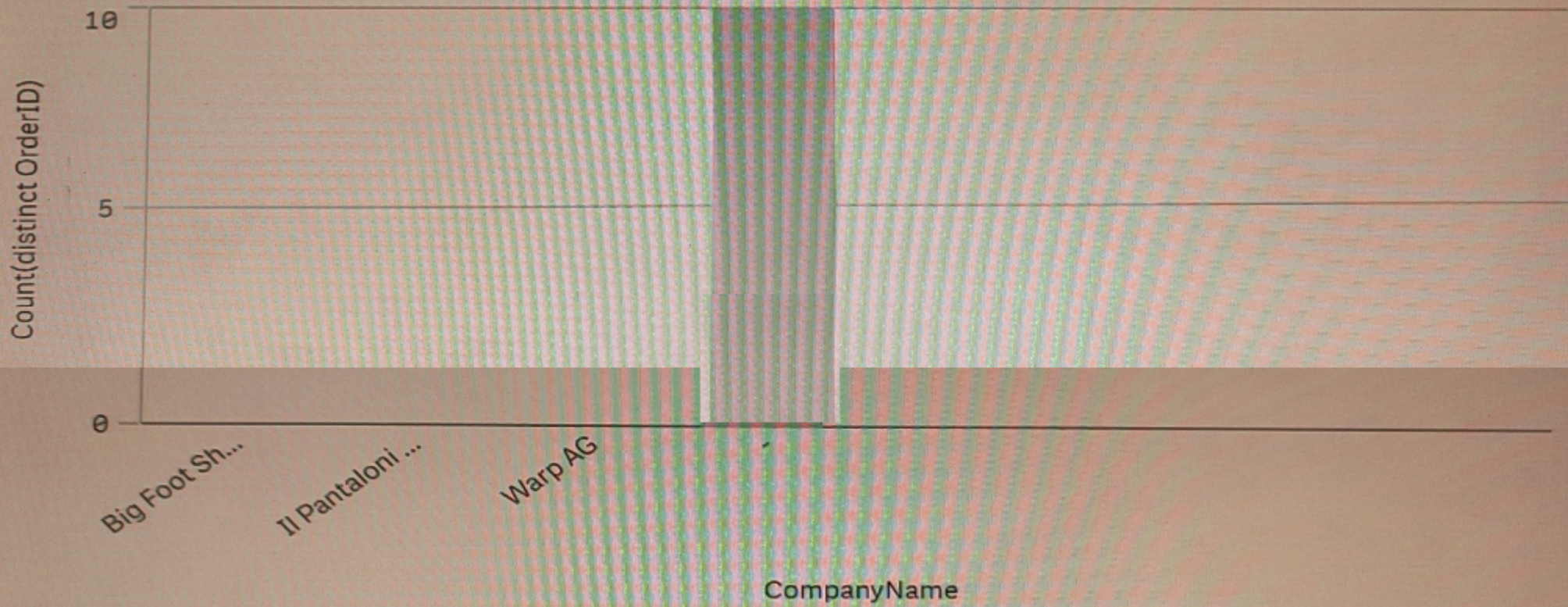
Question 9

Question Type: MultipleChoice

Refer to the exhibits.

Preview of data

CustomerID	CompanyName	ContactName	DivisionID	OrderID	EmployeeID	ShipperID	FreightWeight	OrderDate
10	Big Foot Shoes	James Hendersson	2	-	-	-	-	-
27	Il Pantaloni di la Cammorra	Don Corleone	1	-	-	-	-	-
44	Warp AG	Klaus Deum	1	-	-	-	-	-
44	-	-	-	6571	33	2	78,5	31/03/2019
44	-	-	-	6570	16	1	74,84	31/03/2019
10	-	-	-	6569	19	5	80,69	30/03/2019
10	-	-	-	6568	32	5	41,54	30/03/2019



Some business users created an app by using the Add data functionality and loading two Excel files Orders and Customers.

The app is used to analyze the number of orders by customer. When the users create a bar chart to review the figures, the data shown is incorrect.

What should the data architect do to resolve this issue?

Options:

- A-** Open the data manager, split the Customers table, and associate both tables on CustomerID field
- B-** Open the data manager, split the Customers table, and JOIN Orders and Customers on the CustomerID field
- C-** Open the data load editor and use JOIN instead of concatenate to combine Orders and Customers by CustomerID
- D-** Open the data load editor and apply a NOCONCATENATE function in the LOAD statement on the Orders table

Answer:

C

Question 10

Question Type: MultipleChoice

Refer to the exhibit.

```
LET vLastExecTime = Date(ReloadTime(), 'YYYY-MM-DD hh:mm:ss');
LET vBeginningThisExecTime = Date(Now(), 'YYYY-MM-DD hh:mm:ss');

Table:
SQL SELECT PrimaryKey, X, Y FROM DB_TABLE
WHERE ModificationTime >= #$(vLastExecTime)#
AND ModificationTime < #$(vBeginningThisExecTime)#;
Concatenate
LOAD
PrimaryKey, X, Y FROM 'lib://Folder/myfile.qvd' (qvd);
INNER JOIN
SQL SELECT PrimaryKey FROM DB_TABLE;
STORE Table INTO 'lib://Folder/myfile.qvd' (qvd);
```

Which changes on the database will the script capture?

Options:

- A- Insert and Remove rows
- B- Insert, Update, and Remove rows
- C- Insert and Update rows
- D- Update and Remove rows

Answer:

B

Question 11

Question Type: MultipleChoice

Refer to the exhibits.

```
KeySegments:
LOAD
  SUBFIELD(ConcatKeyAlpha, '-', 1) AS AlphaOne,
  SUBFIELD(ConcatKeyAlpha, '-', 2) AS AlphaTwo
RESIDENT [lib://QVD/AppQVD/CentralKeys.qvd] (qvd);
```

KeySegments

AlphaOne	AlphaTwo
301	5
301	2
302	
303	
303	1

While debugging an app, a developer loads data from an application layer QVD file.

In the process of separating a concatenated key into two parts, some split results are missing data

What should the data architect do?

A) Utilize a combination of LEFT(), MID(), and RIGHT() functions to capture the key components

B) In the SUBFIELD function, replace the '_' with a '|' or '|' character.

While debugging an app, a developer loads data from an application layer QVD file.

In the process of separating a concatenated key into two parts, some split results are missing data

What should the data architect do?

Options:

A- Utilize a combination of LEFT(), MID(), and RIGHT() functions to capture the key components

B- In the SUBFIELD function, replace the '-' with a '|' or '|' character

C- Instruct the developer of the QVD file to correct the generation of the ConcatKeyAlpha field

D- Wrap an IF() function around the SUBFIELDQ functions to check and adapt to null values character

E- Instruct the developer of the QVD file to correct the generation of the ConcatKeyAlpha field

F- Wrap an IF() function around the SUBFIELD() functions to check and adapt to null values

Answer:

D

Question 12

Question Type: MultipleChoice

A company has a stream with multiple apps One of the apps is a multi-regional sales app.

A data architect must set up security for users to access the stream, enter the app, and view specific sheets and data.

Which features should the data architect use to meet these requirements?

Options:

- A- Section access and set analysis
- B- QMC security rules and section access
- C- QMC security rules and custom properties
- D- Section access and sheet properties

Answer:

B

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