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Qlik Sense Data Architect Certification Exam

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QUESTION 1

A healthcare organization needs an app to track patient encounters, patient lab orders, and patient medications.

Encounters, lab orders, and medication data are maintained in three separate tables linked by

PatientID

PatientID values in all three tables are completely accurate

Patients may have encounters without lab orders or medications

The data architect needs to make sure that the count of patient lab orders is correct.

Which method should the data architect to meet this requirement?

- A. Load all three tables, create a copy of PatientID in the lab orders table as LabPatientID, and use Count (Distinct LabPatientID)
- B. load all three tables and use Count(Distinct PatientID)
- C. load all three tables and use Count(PatientID)
- D. Load all three tables, create a copy of PatientID in the lab orders table as LabPatientID, and use count (LabPatientID)

Correct Answer: A

QUESTION 2

Refer to the exhibit.

```
Section Access;  
Load * Inline [  
ACCESS, USERID, Country  
USER, DOMAIN\USER1, ITALY  
USER, DOMAIN\USER2, Spain  
ADMIN, DOMAIN\USER1, GERMANY  
];
```

```
Section Application;  
Load * Inline [  
COUNTRY  
ITALY  
Spain  
GERMANY  
];
```

The data architect is using section access to meet the security requirements of an app. After the first draft, the data architect discovers that users can NOT see the right subset of data.

Which solution should a data architect use to fix this issue?

- A. Associate the Section Access table with the data model
- B. Name the field for data reduced as "SectionAccess"
- C. Capitalize field names and values
- D. Capitalize only field values

Correct Answer: C

QUESTION 3

Refer to the exhibits.

```
Section Access;  
LOAD * inline [  
ACCESS, USERID, REGION  
ADMIN, DOMAIN\A, NORTH  
ADMIN, DOMAIN\A, WEST  
ADMIN, DOMAIN\B, EAST  
ADMIN, DOMAIN\C, *  
ADMIN, DOMAIN\D, *  
];
```

```
Section Application;  
LOAD * inline [  
REGION,  
NORTH,  
EAST,  
WEST,  
SOUTH  
];
```

Which values of the REGION field will be visible for User C when the user opens the app?

- A. EAST, WEST, and SOUTH
- B. NORTH, EAST, and WEST
- C. NORTH, EAST, WEST, and SOUTH
- D. EAST and WEST

Correct Answer: C

QUESTION 4

Refer to the exhibit.

ProjectStatus table:

Field3	Field4	Field5	Field6
Project 1	10	90	200
Project 2	15	100	300
Project 3	20	110	200
Project 4	25	100	500
Project 5	15	130	600

Master table:

Field1	Field2
10	UAT
15	Prod
20	Dev
25	Test
90	Module 1
100	Module 2
110	Module 3
100	Module 4
130	Module 5
200	Type 1
300	Type 2
200	Type 3
500	Type 4
600	Type 5

A data architect needs to build a Project Management dashboard. The ProjectStatus table lists all indexes in the fields. Descriptions for the indexes are stored in a single Master table.

To build the dashboard, all descriptions should be in a single table:

Preview of data

Field3	Field4	Field4Description	Field5	Field5Description	Field6	Field6Description
Project 1	10	UAT	90	Module 1	200	Type 1
Project 2	15	Prod	100	Module 2	300	Type 2
Project 3	20	Dev	110	Module 3	200	Type 1
Project 4	25	Test	100	Module 2	500	Type 4
Project 5	15	Prod	130	Module 5	600	Type 5

Which function should the data architect use to meet this requirement?

- A. Join
- B. PurgeChar
- C. ApplyMap
- D. Keep

Correct Answer: C

QUESTION 5

The dates are stored as strings in the database. The data architect must convert the dates to date format. The reload must be as fast as possible.

Which script should the data architect use?

```
Transactions:
LOAD * ;
SQL SELECT Date#(TransactionDate,'YYYY-MM-DD') as TransactionDate FROM ...;
```

- A.
- B. Transactions:
LOAD Date#(TransactionDate,'YYYY-MM-DD') as TransactionDate;
SQL SELECT TransactionDate FROM ...;
- C. T1:
LOAD *;
SQL SELECT TransactionDate FROM ...;
Transactions:
LOAD Date#(TransactionDate,'YYYY-MM-DD') as TransactionDate resident T1;
Drop table T1;
- D. Transactions:
LOAD * ;
SQL SELECT Date(TransactionDate,'YYYY-MM-DD') as TransactionDate FROM ...;

B. C. D.

Correct Answer: B

QUESTION 6

Refer to the exhibit.

SalesTransactions
Product
Date
Quantity
Order Number
Amount

Each order can have multiple products. The data architect needs to make sure the Amount can be analyzed by order Type and product Category.

The Order Number field data always contains the order Type in the first three characters. Product, Product Category, and Sales Channel data are available in an Excel spreadsheet called "Categories" in the file PaperProducts.xlsx.

Which way can the data architect use to make additions to the existing script and meet the requirements?

A. Add the line `SubField("Order Number", ' ', 3) as "Order Type"` in the LOAD statement for Transactions table.

And add the following new LOAD statement to the script

```
Product:
LOAD
    Product,
    "Product Category"
FROM [lib://Sense certification/PaperProducts.xlsx]
(ooxml, embedded labels, table is Categories);
```

B. Add the line `Left("Order Number", 3) as "Order Type"` in the LOAD statement for Transactions table.

And add the following new LOAD statement to the script.

```
left join (SalesTransactions)
LOAD
    Product,
    "Product Category"
FROM [lib://Sense certification/PaperProducts.xlsx]
(ooxml, embedded labels, table is Categories);
```

A. B.

Add the line `Left("Order Number", 3) as "Order Type"` in the LOAD statement for Transactions table.

And add the following new LOAD statement to the script

```
Product:
LOAD
    Product,
    "Product Category"
FROM [lib://Sense certification/PaperProducts.xlsx]
(ooxml, embedded labels, table is Categories);
```

C.

Add the following new LOAD statement to the script:

```
concatenate (SalesTransactions)
LOAD
    Product,
    "Product Category"
FROM [lib://Sense certification/PaperProducts.xlsx]
(ooxml, embedded labels, table is Categories);
```

D.

Correct Answer: AB

QUESTION 7

Refer to the exhibit.

Name	Country
Bob	USA
John	US
Fred	U.S.A.
Amy	France

The Country field in a CRM app is a free-form text field. More spelling variations and countries are expected in the future. A data architect must create a field called CountryCode based on the value in the Country field.

Which script should the data architect create to perform this task?

- A. `LOAD Name,
Pick(Match(Country, 'USA', 'US', 'U.S.A.', 'France'), 'USA', 'USA', 'USA', 'FRA') AS CountryCode;`
- B. `CountryCode:
MAPPING LOAD * INLINE [
Country, CountryCode
USA, USA
US, USA
U.S.A., USA
France, FRA
];

Persons:
LOAD Name,
ApplyMap('CountryCode', Country, 'UNK') AS CountryCode;`
- C. `LOAD Name,
If (Left(Country,1)='U', 'USA', 'FRA') AS CountryCode;`
- D. `CountryCode:
LOAD * INLINE [
Country, CountryCode
USA, USA
US, USA
U.S.A., USA
France, FRA
];

Persons:
JOIN LOAD Name,
Country;`

A. B. C. D.

Correct Answer: B

QUESTION 8

A car manufacturer has several QlikView apps. The manufacturer decides to migrate some specific apps to Qlik Sense. The manufacturer decides to migrate some specific wants to reuse front-end variables from the previous QlikView app.

Which strategy should a data architect use to meet these requirements?

- A. Use the QlikView converter within the Dev Hub of Qlik Sense
- B. Drag and drop a QVM file into the Qlik Sense hub and create a new app
- C. Export the existing LOAD script into a QVS file for later reuse in Qlik Sense
- D. Copy and paste the LOAD script of the existing QlikView app into the new app.

Correct Answer: A

QUESTION 9

Refer to the exhibits.

Expected View

SalesPerson	Quota	OrderNumber	Value
Alice	16000000	1281	500000
Alice	16000000	1600	102000
Alice	16000000	12345	240000
Bill	12000000	-	-
Fred	14200000	-	-
Susan	12750000	1465	320000
Tom	10000000	1010	563000

Actual View

SalesPerson	Quota	OrderNumber	Value
Alice	16000000	1010	563000
Alice	16000000	1281	500000
Alice	16000000	1465	320000
Alice	16000000	1600	102000
Alice	16000000	12345	240000
Bill	12000000	1010	563000
Fred	14200000	1281	500000
Fred	14200000	1465	320000
Fred	14200000	1600	102000
Fred	14200000	12345	240000
Susan	12750000	1010	563000
Susan	12750000	1281	500000
Susan	12750000	1465	320000
Susan	12750000	1600	102000
Susan	12750000	12345	240000
Tom	10000000	1010	563000
Tom	10000000	1281	500000
Tom	10000000	1465	320000
Tom	10000000	1600	102000
Tom	10000000	12345	240000

Quotas Table:

SalesPerson	Quota
Tom	10000000
Bill	12000000
Fred	14200000
Susan	12750000
Alice	16000000

Orders Table:

Salesperson	OrderNumber	Value
Tom	1010	563000
Alice	12345	240000
Alice	1281	500000
Susan	1465	320000
Alice	1600	102000

Quotas:

```
LOAD [SalesPerson],  
     [Quota]  
FROM [lib://Exam/Quotas and Orders.xlsx]  
(ooxml, embedded labels, table is Quotas);
```

Orders:

```
LOAD [Salesperson],  
     [OrderNumber],  
     [Value]  
FROM [lib://Exam/Quotas and Orders.xlsx]  
(ooxml, embedded labels, table is Orders);
```

Which corrective action should be taken to achieve the expected view?

- A. Alias one of the fields in the Orders table.
- B. Use distinct in the LOAD statement.
- C. Use Upper () to align the SalesPerson fields.
- D. Add a link table.

Correct Answer: A

QUESTION 10

Refer to the exhibit.

	A	B	C	D
1	Region	CustomerID	FirstPurchase	RecentPurchase
2	A	1	1/1/2016	3/2/2017
3		2	1/17/2016	4/12/2017
4		3	2/1/2016	2/1/2016
5		4	12/1/2016	7/19/2017
6	B	10	1/1/2016	3/2/2017
7		11	1/17/2016	4/12/2017
8		12	2/1/2016	2/1/2016
9		13	12/1/2016	7/19/2017
10		14	1/1/2016	3/2/2017
11		15	1/17/2016	4/12/2017
12	C	100	2/1/2016	2/1/2016
13		101	12/1/2016	7/19/2017
14		102	1/17/2016	4/12/2017
15		103	2/1/2016	2/1/2016

One of the data sources a data architect must add for a newly developed app is an Excel spreadsheet. The Region field only has values for the first record for the region. The data architect must perform a transformation so that each row contains the correct Region.

Which function should the data architect implement to resolve this issue?

- A. CrossTable
- B. IntervalMatch
- C. Above
- D. Previous

Correct Answer: B