SAP EDUCATION

SAMPLE QUESTIONS: C_DS_41

SAP Certified Application Associate - Data Integration with SAP Data Services 4.x

Disclaimer: These sample questions are for self-evaluation purposes only and do not appear on the actual certification exams. Answering the sample questions correctly is no guarantee that you will pass the certification exam. The certification exam covers a much broader spectrum of topics, so do make sure you have familiarized yourself with all topics listed in the exam competency areas before taking the certification exam.

Questions

1. Which of the following transforms do you use in a dataflow for loading a Slowly Changing Dimension Type 2?

Note: There are 3 correct answers to this question.

a)	O	Row_Generation
b)	O	Effective_Date
c)	O	Key_Generation
d)	O	Table_Comparison
e)	O	History_Preserving

2. Your customer has business rules requiring that each row in the source be tested for certain criteria in a specific order. When a row passes one criteria, it should not be tested for the other criteria.

How should this be implemented?
Please choose the correct answer.

a)	O	Use a Case transform with the options Row Can Be True for One Case Only and Preserve Expression Order enabled.
b)	O	Use a Case transform with the option Produce Default Output with Label enabled, and set the final criteria to be tested as the default path.
c)	O	Use a Query transform upstream of a Case transform. Add the columns to be tested to the Query transform Group By tab.

d)	O	Use a Query transform upstream of a Case transform. Add the columns to be tested to the Query transform Order By tab.

3. You have a Salary table containing departments (DEPARTMENT column) and salaries (SALARY column).

How do you calculate the average salaries for each department in the Query transform?

Note: There are 2 correct answers to this question.

a)	O	Specify the DEPARTMENT code in the WHERE tab.
b)	O	Enter avg(SALARY) In the SELECT tab.
c)	O	Specify the DEPARTMENT column in the GROUP BY tab.
d)	O	Enter avg(SALARY) in the Mapping tab.

4. What are characteristics of workflows?

Note: There are 3 correct answers to this question.

a)	O	A workflow can contain a conditional object.
b)	O	A workflow can call other workflows.
c)	O	A workflow can pass local parameters to dataflows.
d)	O	A workflow allows parallel executed dataflows to be merged.
e)	O	A job needs to have at least one workflow.

5. You are designing an ETL process that requires a workflow to execute only if a defined expression evaluates to true.

Which object will allow you to accomplish this task?

Please choose the correct answer.

a)	O	Embedded data flow
b)	O	Try/catch block
c)	O	Conditional
d)	O	ABAP data flow

6. What is the correct syntax for an IF statement inside a script?
Please choose the correct answer.

a)	O	If (<Condition>) then <True>; else <False>;
b)	O	If(<Condition>) <True>; else <False>;
c)	O	If<Condition> <True>; else <False>;
d)	O	If(<Condition>) begin <True>; else <False>;

7. A Table Comparison transform is used in your delta dataflow. The input primary key column is the same as the natural primary key of the source table. A typical delta run will find 4000 new rows and 30 arbitrary changed rows in the very large source table.

What is the optimal setting for the Table Comparison transform?
Please choose the correct answer.

a)	O	Set the Comparison method to Sorted Input and the transform will apply the sorts.
b)	O	Set the Comparison method to Row-by-Row Select.
c)	O	Set the Comparison method to Cache Comparison Table.
d)	O	Set the Comparison method to Sorted Input and make sure a Query transform with an Order By clause is used upstream.

8. You need to recover a previous version of an object that has been modified by a developer on your team.

Where would you look for the prior version of the object?
Please choose the correct answer.

a)	O	Local repository
b)	O	Data Services Management Console
c)	O	Central Management Console
d)	O	Central repository

9. You are designing a data flow that requires you to cache a large amount of data.

Which option should be configured within the data flow properties window?

Please choose the correct answer.

a)	O	Set Cache type to Pageable.
b)	O	Set Degree of Parallelism to 1.
c)	O	Set Degree of Parallelism to 10.
d)	O	Select Execute Only Once.

10. A dataflow contains multiple transform objects. The target table contains some unexpected results for one column.

How can you view the state of the data as it passes through each transform?
Please choose the correct answer.

a)	O	Execute the job enabling the SQL Loader trace property in the job execution options, and view the trace log.
b)	O	Execute the job enabling both the SQL Loader and Transform trace properties in the job execution properties, and view the trace log.
c)	O	Execute the job in debug mode.

d)	O	Execute the job enabling the Transform trace property in the job execution options, and view the trace log.

Solutions

1 a) Incorrect	2 a) Correct	3 a) Incorrect	4 a) Correct	5 a) Incorrect
1 b) Incorrect	2 b) Incorrect	3 b) Incorrect	4 b) Correct	5 b) Incorrect
1 c) Correct	2 c) Incorrect	3 c) Correct	4 c) Correct	5 c) Correct
1 d) Correct	2 d) Incorrect	3 d) Correct	4 d) Incorrect	5 d) Incorrect
1 e) Correct			4 e) Incorrect	

6 a) Incorrect	7 a) Incorrect	8 a) Incorrect	9 a) Correct	10 a) Incorrect
6 b) Correct	7 b) Correct	8 b) Incorrect	9 b) Incorrect	10 b) Incorrect
6 c) Incorrect	7 c) Incorrect	8 c) Incorrect	9 c) Incorrect	10 c) Correct
6 d) Incorrect	7 d) Incorrect	8 d) Correct	9 d) Incorrect	10 d) Incorrect

Want to learn more? Contact SAP for more information.