Q. _____are packaged jobs, created by users, that can be used similarly to how a component is used. This can be conceptually understood as a User- created Component, the complexity of which could be as simple as a single Python Script component or as complex as an entire ETL workflow.

A. Transformation jobs.
B. Orchestration jobs
C. Shared jobs
D.O Variables

Q. _____implements a simple loop over the rows of a grid variable. This variable type stores tabular data, and can hold multiple values of different types.

A .The Loop Iterator
B. The File Iterator
C. The Grid Iterator
D.O The Fixed Iterator

Q. While editing an Orchestration job,

A. You can validate and run your job against any Environment
B. You will never get a sample of the data
C. Nobody else can see your changes if they are editing the same Job at the same time
D. All of the above are true

Q. **When working with data that from time to time may contain some discrepancies from the source, what is the   best approach to prevent this data being orchestrated and also notifying the ELT Developer about the inconsistency?**

A. Never try to load data from a source that may have inconsistencies

B. Use this data, it could always be fixed in the BI tool

C Orchestrate the data, a few minor inconsistencies might not affect the end results

D. Use the existing Transaction components (Begin, Commit, Rollback)

Q. **The Python Script component in Matillion is executed by**

A. A second virtual machine (VM) running in a different cloud provider

B. An internal component engine specifically designed for Python

C. A transformation component which translates the Python code into SQL

D. The underlying virtual machine (VM) hosting Matillion ETL, and uses the memory and compute of this VM

Q. **In Transformation jobs, which similarity has the Fixed Flow component and the Generate Sequence component?**

A. Both are used for deleting data
B. **Both can be used for simple static mappings**
C. Both can be used for simple dynamic mappings
D. Both are used to create job variables

Q. There are two main flavours of jobs in Matillion ETL: ___and__

A. Loader and Transformer
B. Input and Output
C. Ingestion and Modification
D. **Orchestration and Transformation**

Q. can be used throughout the client, in configurations and in all jobs through many components.

A Calculator fields
B. Grid variables
C. Job variables
D. **Environment variables**

Q. Which of the following statements is true?

A. Matillion will allow you to use transaction components available out of the box in both Orchestration and Transformation jobs

B. If you use transaction statements in a script, Matillion ETL will be aware of the change in transaction behaviour

C. If you use transaction statements in a script, Matillion ETL will not be aware of the change in transaction behaviour

D. Matillion will not allow you to add transaction statements in a script

Q. To be able to use the Detect Changes component in Transformation jobs, you should be able to have at least,

A. Three inputs in your data flow
B. One Input in your data flow
C. Two inputs in your data flow
D. Four inputs in your data flow

Q. Which of the following statements about Groups and Projects is false?

A Environment Variables are not shared between Projects
B. Some Matillion configuration is instance-wide, and independent of Groups and Projects
C Projects must exist within a Group, and there must be at least one Project per Group
D. Environment Variables can have different values in different Projects

Q. **When using the Calculator component in Transformation jobs, you can always add new columns via the   Express Editor or by manually coding the function. What type of functions can be used in those expressions?**

A Only generic SQL functions
B. Python functions
C. Matillion-dependent functions
D.O All SQL Functions available in your Cloud Data Warehouse platform

Q. **Jobs, environments and variables can be exported from one Matillion ETL instance to be imported to another. One way of accomplishing this export is through the API. A more user-friendly method can be accessed through**

A. Project > Import and Project > Export
B. Project > GET and Project > PUSH
C. Admin > GET and Admin > PUSH
D. Admin > Download and Admin > Upload

Q. **The Excel Query component should not be used to load very large excel files. It is advised that such files be converted to CSV and loaded using a Storage Load component, instead. What is the maximum size we advise for excel files?**

Q. When using the Detect Changes component, there's a column called 'indicator' by default. What are the values contained in this column?

A. C (Critical), R (Random), E (Exact), N (Non Applicable)
B.OM (Modified), R (Removed), E (Exact), N (NULL)
C. OC (Changed), D (Deleted), I (Identical), N (New)
D.O A (Advanced), D (Deleted), I (Identical), N (Non Applicable)

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Q. In a Transformation job, there is an Input Table component containing data about different flights in the US. One column in the table contains the destination city and each row in the table represents a different flight. How can you change your Transformation job to reduce your data flow to get only the flights going to New York City and insert them into an non-existent table?

A. Using the Filter component and the Rewrite Table component

B. Using the Sample Tab and a Rewrite Table component

Using the Filter component and the Table Output component

C. D. Filtering the Sample Tab and using a Table Output component

Q. When setting up the properties of data staging components in Basic Mode, the user

A has to write any SQL or Python code manually

B. has a limit of columns to be selected

C. has to write any SQL manually

D. does not write any SQL themselves but instead can select a data source and columns which can then be filtered.

Q. In Orchestration jobs, the If component has three possible outputs identified by blue, orange and red? What are these outputs?

A. True, False and Failure
B. Success, Unconditional and Failure
C. Yes, Always and No
D. Positive, Maybe and Negative

Q. To handle schema drift for an Orchestration Load component, you should?

A. Truncate the target table
B. Use an Advanced Mode query
C. Switch the Load Option 'Recreate Target Table' to 'On'
D. Switch the Load Option 'Recreate Target Table' to 'Off

Q. When using the SQL Script component in Orchestration jobs, the script may contain multiple SQL statements, however since there is no way to recover the output of the script the statements should not be

A. DELETE
B. UPDATE
C. SELECT
D.O INSERT

Q. Which of the following components can effectively help you to unpivot your data in a Transformation Job?

A The Rank component
B. The Map Values component
C. The Transpose Columns component
D. The Filter component

Q. In Transformation jobs, what could you do if you want to duplicate and rename some columns from your data flow?
A. Use the Aggregate component
B. Use the Filter component
C. Use the Rename component
D. It's not possible to duplicate and rename columns in your data flow

Q. Where can we check the completed tasks, whether they were successful or failed?

A. Task Tab
B. Admin Menu
C. Task History
D. None of the above, just by looking at the colors in the canvas

Q. One of the advantages of doing ELT instead of ETL is?

A. Data is transformed before being loaded into the data warehouse

B. Transformations are carried out by a Transformation engine

C. Destination schemas have to be planned before staging the data

D. It pushes down data transformations to your data warehouse

Q. You can perform a to undo all of the changes made since "Begin".

A. "Rollback"

B. "Destroy"

C. "Commit"

D. "Save"

Q. Matillion ETL is aware that you may have multiple schemas. Each Matillion ETL environment specifies a schema.

A. Default

B. No accessible

C. Single

D. Universal

Q. In an Orchestration job, a user needs to iterate between two numeric values that contain a function that relies on the current value to do something (avoiding the creation of several individual jobs). The user wants to use a component that contains the starting value, the end value and the increment value out of the box in the component's properties. Which of the following could be used to tackle this problem?"

A. The Loop Iterator
B. The File Iterator
C. The Fixed Iterator
D. The Grid Iterator

Q. The API Extract component allows you to

A. Extract data using connectors such as Amplitude Extract and MindSphere Extract
B. Flatten semistructured data using a SQL-like language
C. Connect to any JSON based RESTful API
D. Configure the URI Parameters for connectors such as Amplitude Extract and MindSphere Extract

Q. In a Transformation job, you have a Calculator component doing two operations in every single expression. One of those operations is for casting the datatypes of the columns. If you want to move this

operation out of the Calculator component, which of the following components could you use?

A. The Convert Type component
B. The Replicate component
C. The Filter component
D. The Split Field component

Q. An "API Query" is?

A. An "out of the box" connector linked to external services, with more being added periodically
B. An authenticated, read-only connector
C. The minimum level of access required for a component to function
D. A generic query component which uses Profile definitions

Q. After a Begin component, any database changes made are effectively invisible to other database sessions until you choose to them.

A "Rollback"
B. "Destroy"
C "Save
D. "Commit

Q. If you need to create a copy of all of the jobs in your current project at a specific point in time you can use

A. Matillion's Saving system
B. Matillion's Security system
C. Matillion's Copying system
D Matillion's Versioning system

Q. In Transformation jobs, which component is useful for simple static mappings?

A. The Output Table component
B. The Create View component
C. The Rewrite Table component
D The Fixed Flow component