1. **You have a detect changes component as part of your transformation job. You have defined the field for the 'match keys' property. You notice you have null values in this field. What will happen when you execute the job?**

   a. **NULL values will be ignored (correct)**
   b. NULL values will be taken as it is for the comparison
   c. Validation Error
   d. Runtime Error

2. **What happens when you use the calculator component to add a new column with the same name as an existing column?**
   a. **It will overwrite the existing column with the same name (correct)**
   b. It will create a duplicate column with the updated logic as mentioned in the calculations
   c. It will throw a runtime error
   d. Validation Error

3. **What component do you use the start a new explicit transaction?**
   a. **Use the Begin component (correct)**
   b. Use the Start component
   c. Use the Commit component
   d. Use the Run Orchestration component

4. **You can perform a_____to undo all the changes made since 'Begin'**
   a. **RollBack (correct)**
   b. Undo
   c. Start
   d. End

5. **Which of the following statements is true?**
   a. **If you use transaction statements in a script Matillion ETL will not be aware of the changes in transaction behaviour. (correct)**
   b. If you use transaction statements in a script Matillion ETL will be aware of the changes in transaction behaviour.
   c. Matillion Will allow you to use transaction components available out of the box in both orchestration and transformation.
   d. Matillion will not allow you to add transaction statements in a script.

6. **Schedules can be applied to the following jobs?**
   a. **Orchestration (correct)**
   b. Orchestration and Transfomation
   c. Transformation
   d. Matillion doesn't support Scheduler

7. **What is the fixed flow component used for?**
   a. **Generate lines of fixed input data (correct)**
   b. Acts as a flow control during runtime
   c. Prevents overlap of data during runtime
   d. None of the options listed are correct

8. **What following is not a valid interpreter for a python script component**
   e. Python3
   f. **Python (correct)**
   g. Jython
   h. Python2

9. **Which of the following statements about groups and Projects is false?**
   a. Environment Variable Can have different values in different projects.
   b. **Project must exist within a group and there must not be at least one project one group**
   c. Environment variable can shared between projects.
   d. Some Matillion configurations is instance wise and independent of Groups And Projects

10. **The export Tab Of an API Query can be used to?**
    a. **Save The row count into a variable. (correct)**
    b. Export JSON Data into ORC, AVRO or Parquet Formatted Files
    c. Choose The target table name for the exported data
    d. None of the above

11. **Which component can add rows to existing columns, but doesn't add columns to the grid.**
    a. Alter Table
    b. Table Metadata To Grid
    c. **Append To Grid (correct)**
    d. Truncate Table

12. **Which is the best component to use if you need to copy files between different cloud provider buckets?**
    a. Replication
    b. Bulk Copy
    c. **Data Tranfer (correct)**
    d. Bucket Copy

13. **You cannot define multiple schedules per project**
    e. True
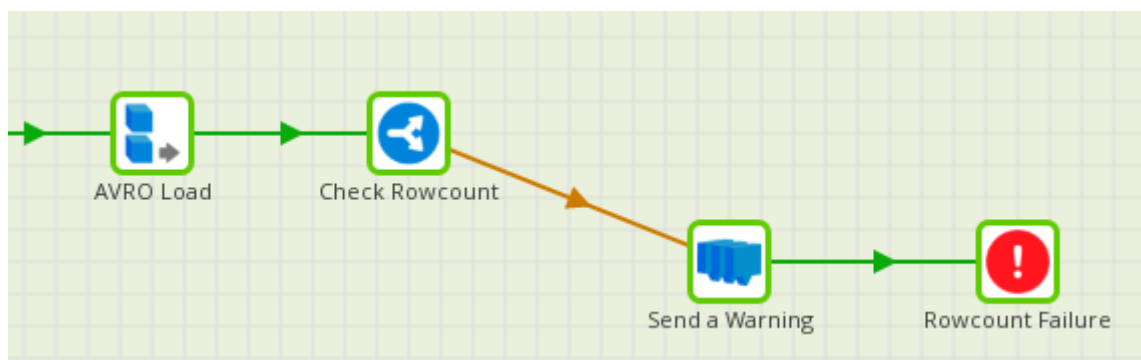   f. **False (correct)**

14. The behaviour of environment variables can be copied or shared. What behaviour would you use when multiple jobs need to update the value of the variable in other branches?

a. Shared

b. Copied (correct)

15. What component should you use to translate codes to a more human readable name?

a. Rename

b. Replicate

c. map values (correct)

d. None

16. This example below loads data from S3 and checks that at least 1,000 rows were loaded. We define an expression that tests whether the number of loaded rows is greater than 1,000, and when this is false, an alert is sent via SNS (and the job is marked as failed).

Which component do we use to check the row count?

a. split component

b. filter component

c. Loop component

d. if component (correct)

17. In an orchestration job, a user need to iterate between two numeric values that contains 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 File Iterator

b. The Loop Iterator (correct)

c. The fixed Iterator

d. The Grid Iterator

18. Which of the following components can effectively helps you to unpivot your data into transformation job?
a. The Map values Component
b. The Filter Component
c. The Rank Component
d. The Transpose Column Component (correct)

19. In an Orchestration Job, The iterate and Retry component has outputs identified by green, black, red and blue. What are these Outputs?
a. Positive, Maybe, Negative, Iterate
b. Yes, Always, No, Forward
c. True, False, Failue and Ahead
d. Success, Unconditional, Failure And Iterate (correct)

20. While editing an orchestration job. _____
a. Nobody else can see your changes if they are editing the same job at the same time.
b. You will never get a sample of your data
c. You can validate and run your job against any environment (correct)
d. All of the above

21. Which of the following Matillion ETL Features have an instance scope rather than a project scope?
a. API Profiles.
b. Open ID User Configurations
c. Shared Jobs
d. All of the above (correct)

22. The type of the target variable (String, Integer, DateTime) need not to bematch the type of the source variable given in the table.Runtime information exported to job variables is only available while the job is running, and is no longer available after the job finishes running.
a. True
b. False (Correct)

23. When an environment variable is exported or imported, it is only the name of the variable that is exported/imported, not the value of the variable.
a. False
b. True (Correct)

24. **What would happen if a Matillion job that contained a job variable and grid variable of the same name was run?**
a. The job would fail as it cannot execute with a job variable and grid variable with the same name
b. **The job variable would override any value in the environment variable (Correct)**
c. The environment variable will override any value in the job variable
d. The values of the job and environment variables would be combined

25. **In transformation jobs, which similarity has the fixed flow component and the generate sequence component?**
a. Both are used to create job variable
b. Both are used for deleting data
c. **Both can be used for simple static mappings (correct)**
d. Both can be used for simple dynamic mappings

26. **In transformation jobs, which similarity has the fixed flow component and the generate sequence component?**
e. Both are used to create job variable
f. Both are used for deleting data
g. **Both can be used for simple static mappings (correct)**
h. Both can be used for simple dynamic mappings

27. **In advanced mode an API Query Component can?**
a. Access and flatten semistructured data using a sql like language
b. Automatically make repeated calls to APIs which require staging
c. **Neither a nor b (correct)**
d. Both a and b

28. **What is the behaviour of the red connector ring?**
a. Continue on to the next component if executed successfully
b. Continue on to the next component regardless of success or failure
c. **Continue on to the next component if failed to execute (correct)**
d. None of the above

29. **As orchestration tasks are calculated on the fly, all future tasks may be listed, however they will be appended to the list as tasks complete.**
a. True
b. **False (Correct)**

30. Only administrators will be able to view and access this menu.
For users running HA (Clustered) instances, some options may be unavailable—namely, User Configuration as LDAP **is used by default, and Restart Server and Manage Backups as there is no single machine to restart or backup.**

For any changes made within administrative tools to take effect, the server must be restarted. However, doing this will disconnect any connected client sessions and abort any currently running jobs.

a. **True (Correct)**
b. False