_____ helps you assess if the size of a workload is slowing down the system.
Database Monitoring
Monitoring the performance of queries
Monitoring the amount of data being processed through a data pipeline
Job-level Runtime Monitoring
Correct
Monitoring the quantum of data being processed in a data pipeline at a time helps you assess if the size of the workload is slowing down the system.

Question 3
Tools for _____ break up a job into a series of logical steps which are monitored for completion and time to completion.
Job-level Runtime Monitoring
Monitoring Query Performance
Application Performance Monitoring
Monitoring the amount of data being processed in a data pipeline
Correct
Job-level runtime monitoring breaks up a job into a series of logical steps and monitors them for completion and time to completion.

Question 4
Database partitioning helps optimize databases for performance. It does this by:
Dividing large tables into smaller individual tables
Reducing inconsistencies and anomalies in data
Minimizing the number of times a disk needs to be accessed when a query is processed
Tracking request response time and error messages
Correct
Database partitioning is a process by which very large tables are divided into smaller, individual tables. It helps with data manageability and also impacts the speed of querying, cleansing, and analyzing operations on the database.

Question 5
Database normalization is a design technique that helps reduce inconsistencies and anomalies from data.
True
False
Correct
Database normalization helps reduce inconsistencies that arise out of data redundancy and also anomalies arising out of update, delete, and insert operations on databases.