CCDAK^{Q&As}

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QUESTION 1

is KSQL ANSI SQL compliant?

A. Yes

B. No

Correct Answer: B

KSQL is not ANSI SQL compliant, for now there are no defined standards on streaming SQL languages

QUESTION 2

The Controller is a broker that is... (select two)

A. elected by Zookeeper ensemble

B. is responsible for partition leader election

C. elected by broker majority

D. is responsible for consumer group rebalances

Correct Answer: AB

Controller is a broker that in addition to usual broker functions is responsible for partition leader election. The election of that broker happens thanks to Zookeeper and at any time only one broker can be a controller

QUESTION 3

There are five brokers in a cluster, a topic with 10 partitions and replication factor of 3, and a quota of producer_bytes_rate of 1 MB/sec has been specified for the client. What is the maximum throughput allowed for the client?

A. 10 MB/s

B. 0.33 MB/s

C. 1 MB/s

D. 5 MB/s

Correct Answer: D

Each producer is allowed to produce @ 1MB/s to a broker. Max throughput 5 * 1MB, because we have 5 brokers.

QUESTION 4

Which of the following Kafka Streams operators are stateless? (select all that apply)

A. map

B. filter

C. flatmap

D. branch

E. groupBy

F. aggregate

Correct Answer: ABCDE

Seehttps://kafka.apache.org/20/documentation/streams/developer-guide/dsl- api.html#stateless-transformations

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QUESTION 5

What is true about partitions? (select two)

A. A broker can have a partition and its replica on its disk

B. You cannot have more partitions than the number of brokers in your cluster

C. A broker can have different partitions numbers for the same topic on its disk

D. Only out of sync replicas are replicas, the remaining partitions that are in sync are also leader

E. A partition has one replica that is a leader, while the other replicas are followers

Correct Answer: CE

Only one of the replicas is elected as partition leader. And a broker can definitely hold many partitions from the same topic on its disk, try creating a topic with 12 partitions on one broker!