Knowledge Check 19: Message Queue and Stream Processing

Due No due date   **Points** 5   **Questions** 5
Time Limit None   **Allowed Attempts** Unlimited

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Attempt History

	Attempt	Time	Score
KEPT	**Attempt 2**	2 minutes	4.33 out of 5
LATEST	**Attempt 2**	2 minutes	4.33 out of 5
	Attempt 1	3 minutes	4 out of 5

Submitted May 2 at 1:26am

Question 1	**1 / 1 pts**

The consumer number in Kafka cannot be larger than the partition number, otherwise some of them will be inactive

Correct!

- ⦿ True

- ○ False

Question 2	**0.33 / 1 pts**

Select all the statements which are true

orrect Answer

☐

   tuple is an ordered list of values, where each value is assigned a name.
   Nodes in the topology send data between one another in the form of
   tuples

ou Answered

☑

   tuple is an unordered list of values, where each value is assigned a
   name. Nodes in the topology send data between one another in the
   form of tuples

Correct!

☑

   A stream is an unbounded sequence of tuples between two nodes in
   the topology

☐

   A stream is a bounded sequence of tuples between two nodes in the
   topology

Correct!

☑   A consumer group in Kafka should have atleast 2 consumers

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Question 3   1 / 1 pts

Select all the statements which are true about Stream Grouping

Correct!

☑   For shuffle grouping tuples are randomly distributed

Correct!

☑   For direct grouping the producer decides the destination replica

☐   For direct grouping the consumer decides the destination replica

☐   For shuffle grouping tuples are replicated to all replicas

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Question 4   1 / 1 pts

What is Kafka?

Correct!

○ A distributed streaming platform

○ A database management system

○ A web development framework

○ An artificial intelligence language

Question 5   1 / 1 pts

Which of the following is true about Kafka topics?

Correct!

◉ A topic is a logical identifier for a stream of records

○ A topic is a group of consumers

○ A topic is a group of producers

○) A topic is a physical node in the Kafka cluster