

**Exam : D-DS-OP-23**

**Title : Dell Data Scientist and Data  
Engineering Optimize 2023**

**Version : DEMO**

1.Which of the following describes Apache Flink?

- A. A distributed file storage system
- B. A graph processing framework
- C. A stream processing framework
- D. A batch processing engine

**Answer: C**

2.Which of the following are characteristics of the Hadoop ecosystem? (Select all that apply)

- A. Real-time processing
- B. Batch processing
- C. Low fault tolerance
- D. Scalability
- E. Single-node architecture

**Answer: BD**

3.Which skill is crucial for a data engineer to effectively manage and optimize large-scale data processing systems?

- A. Data analysis
- B. Front-end development
- C. Cloud computing
- D. Graphic design

**Answer: C**

4.Which Python library formats data into dataframes?

- A. NLTK
- B. NumPy
- C. Pandas
- D. scikit-learn

**Answer: C**

5.Which of the following are components of the Apache Spark Streaming architecture? (Select all that apply)

- A. Driver node
- B. Worker node
- C. Discretized streams (DStreams)
- D. Kafka topics
- E. HDFS storage

**Answer: ABC**