

# DUMPS ARENA

**IBM Big Data Engineer**

**IBM C2090-101**

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**QUESTION NO: 1**

Which of the following is not a data-processing operations that is supported in Pig Latin?

- A. filter
- B. joins
- C. group by
- D. logistic regression

**ANSWER: D****Explanation:**

Reference: <https://pig.apache.org/docs/r0.15.0/basic.html>

**QUESTION NO: 2**

A Resilient Distributed Dataset supports which of the following?

- A. Creating a new dataset from an old one
- B. Returning a computed value to the driver program
- C. Both "Creating a new dataset from an old one" and "Returning a computed value to the driver program"
- D. Neither "Creating a new dataset from an old one" nor "Returning a computed value to the driver program"

**ANSWER: C****Explanation:**

Reference: <https://spark.apache.org/docs/latest/rdd-programming-guide.html> (RDD operations)

**QUESTION NO: 3**

Which of the following are CRUD operations available in HBase? (Choose two.)

- A. HTable.Put
- B. HTable.Read
- C. HTable.Delete

D. HTable.Update

E. HTable.Remove

**ANSWER: A C**

**Explanation:**

Reference: [https://www.tutorialspoint.com/hbase/hbase\\_client\\_api.htm](https://www.tutorialspoint.com/hbase/hbase_client_api.htm)

**QUESTION NO: 4**

Which of the following is TRUE regarding a schema In Jaql?

A. It specifies a particular type for each field

B. It is used only when Jaql includes SQL statements

C. It must be provided when the data format is not otherwise known

D. It can be used both as a data constraint and to optimize processing and storage

**ANSWER: B**

**QUESTION NO: 5**

A Resilient Distributed Dataset with Replicated storage level does which of the following?

A. Protects from data loss by recomputing the data

B. Allows you to continue running the task in case of a node failure

C. Guarantees a performance benefit

D. Both "Protects from data loss by recomputing the data" and "Allows you to continue running the task in case of a node failure"

**ANSWER: A**

**QUESTION NO: 6**

Which of the following statements are TRUE regarding the use of Data Click to load data into BigInsights? (Choose two.)

A. Big SQL cannot be used to access the data moved in by Data Click because the data is in Hive

B. You must import metadata for all sources and targets that you want to make available for Data Click activities

- C. Connections from the relational database source to HDFS are discovered automatically from within Data Click
- D. Hive tables are automatically created every time you run an activity that moves data from a relational database into HDFS
- E. HBase tables are automatically created every time you ran an activity that moves data from a relational database into HDFS

**ANSWER: C E**

**Explanation:**

Reference: [https://www.ibm.com/support/knowledgecenter/en/SSZJPZ\\_11.3.0/com.ibm.swg.im.iis.dataclick.doc/topics/hivetables.html](https://www.ibm.com/support/knowledgecenter/en/SSZJPZ_11.3.0/com.ibm.swg.im.iis.dataclick.doc/topics/hivetables.html)

**QUESTION NO: 7**

When running Hive Queries using Apache Spark, which of the following execution engines is invoked?

- A. Tez
- B. Spark
- C. HiveQL
- D. MapReduce

**ANSWER: B**

**Explanation:**

When running queries, you can set `hive.execution.engine` so as to choose the execution engine. To run on Spark, set it to `spark`. To run on MapReduce, set it to `mr`.

Reference: [https://www.ibm.com/support/knowledgecenter/en/SSPT3X\\_4.2.5/com.ibm.swg.im.infosphere.biginsights.admin.doc/doc/admin\\_hive\\_on\\_spark.html](https://www.ibm.com/support/knowledgecenter/en/SSPT3X_4.2.5/com.ibm.swg.im.infosphere.biginsights.admin.doc/doc/admin_hive_on_spark.html)

**QUESTION NO: 8**

Which file format support Column data compression? (Choose two.)

- A. Text
- B. Avro
- C. RCFile
- D. Parquet
- E. Sequence\_text

**ANSWER: C D**

**QUESTION NO: 9**

Which of the following Hadoop command flags are used to copy data to the HDFS? (Choose two.)

- A. cp
- B. put
- C. get
  
- D. copyToLocal
- E. copyFromLocal

**ANSWER: D E**

**Explanation:**

Reference: [https://www.ibm.com/support/knowledgecenter/SSPT3X\\_4.2.0/com.ibm.swg.im.infosphere.biginsights.import.doc/doc/data\\_rest\\_shell.html](https://www.ibm.com/support/knowledgecenter/SSPT3X_4.2.0/com.ibm.swg.im.infosphere.biginsights.import.doc/doc/data_rest_shell.html)

**QUESTION NO: 10**

Which of the following statements regarding Sqoop is TRUE? (Choose two.)

- A. All columns in a table must be imported
- B. Sqoop bypasses MapReduce for enhanced performance
- C. Each row from a source table is represented as a separate record in HDFS
- D. When using a password file, the file containing the password must reside in HDFS
- E. Multiple options files can be specified when invoking Sqoop from the command line

**ANSWER: C E**

**Explanation:**

Reference: <https://data-flair.training/blogs/apache-sqoop-tutorial/>