UNIT-IV

1. What is HIVE?
2. What is the difference between HQL and SQL?
3. What are the Hive Data Units?
4. Define Hive CLI?
5. Describe about Metastore?
6. What are the different File Formats of Hive?
7. Name some collection Data Types?
8. What is the Full form of RCFile?
9. Define DML?
10. What is the command used to start Hive shell?
11. Define about Dynamic Partition?
12. What is Bucketing?
13. What is Sub-Query?
14. Define SERDE?

**SerDe is** short for Serializer/Deserializer. Hive uses the **SerDe** interface for IO. The interface handles both serialization and deserialization and also interpreting the results of serialization as individual fields for processing.

1. The default metastore for Hive is \_\_\_\_\_\_\_\_\_\_\_\_.
2. What is the most commonly used interface to interact with Hive?
3. What is the use of Deserializer?
4. How to learn about bucket in Hive?
5. How to load Data into Table from File?
6. What is the use of Partitions in Hive?
7. Define DDL?
8. What is meant by Sequential File?
9. What are Primitive Data types?
10. Which one is known as Optimal Server?
11. What is the use of Hive Web Interface?
12. Name any two Hive supported fuctions?
13. What is the use of Hive Server?
14. What is the use of Driver in Hive?
15. Define Hive Cluster?
16. How to load data into a dynamic partition from table?

Essay Questions

1. Discuss in brief about running pig script in local and distributed mode.
2. How can you write user defined functions in HIVE?
3. Describe in brief about pig commands?
4. Explain about different data types and schemas in HIVE.
5. Discuss about the operators supported by pig.
6. Explain about the PIG Architecture.
7. Explain about working with Hive Datatypes.
8. Write about the following.
   1. HIVE datatypes
   2. PIG Datatypes
9. Explain Hive architecture with neat sketch.
10. Write about HQL statements for the following
    1. Creation of tables with partition
    2. Creation of tables with buckets
    3. Loading files into tables
11. a) What is pig. What are the features of pig.

b) Write solution to word count problem in pig latin script.

1. Explain about the pig operations with example
   1. load
   2. foreach
   3. group
   4. filter
   5. dump
2. a) What is HIVE? Write the features of HIVE. 5M
3. Explain about partitions and buckets in HIVE. 5M

44. a) Compare Pig and Hive.

b) Execution modes of pig.

45. Write HQL statements for the following

* 1. Creation of tables
  2. Querying data
  3. Loading files into tables
  4. Aggregation