

Assignment Sheet: II

Part A

(Short Questions)

- Q. 1 What is Mapper Code?
- Q. 2 What is the meaning of Hive Clients?
- Q. 3 What are the Features of Hadoop?
- Q. 4 What do you mean by Pig Latin Application Flow?
- Q. 5 What is Hive?
- Q. 6 Why do we need PIG?
- Q. 7 What do you mean by 'Record Reader'?
- Q. 8 Define the key design principles of Pig Latin.
- Q. 9 What is Hadoop I/O?
- Q. 10 What is partitioning in Hive?

Part B

(Analytical/ Problem Solving Questions)

- Q. 11 How can implementing a Raw Comparator for Speed?
- Q. 12 How does the Hadoop MapReduce data flow work for a word count program? Give an example.
- Q. 13 Explain the scripting with Pig Latin with the help of Block Diagram.
- Q. 14 Explain the concept for examining the Hive clients.
- Q. 15 Differentiate between null writable, object writable and generic writable.
- Q. 16 Explain the features and benefits of Apache HIVE in Hadoop.
- Q. 17 Discuss the challenges with Big Data. What are the different problems faced in traditional large scale system?

Part C

(Descriptive/ Analytical/ Problem Solving/ Design Questions)

- Q. 18 How can implementation a Raw Comparator for Speed? Explain the flow diagram of this and also write the advantages of this method.
- Q. 19 What is the primary purpose of Pig in Hadoop architecture? Explain the major components of Pig Architecture.
- Q. 20 Explain the working through the ABCs of Pig Latin. How can check out the Pig Script interfaces?
- Q. 21 What is the primary purpose of pig in Hadoop architecture? Explain the major components of Pig architecture.
- Q. 22 Explain how the Hive is put together also explain the working with Hive Data Types.