

## UNIT – V

1. Mapper implementations are passed the JobConf for the job via the \_\_\_\_\_ method

- a) JobConfigure.configure
- b) JobConfigurable.configure
- c) JobConfigurable.configureable
- d) None of the mentioned

2. Point out the correct statement :

- a) Applications can use the Reporter to report progress
- b) The Hadoop MapReduce framework spawns one map task for each InputSplit generated by the InputFormat for the job
- c) The intermediate, sorted outputs are always stored in a simple (key-len, key, value-len, value) format
- d) All of the mentioned

3. Input to the \_\_\_\_\_ is the sorted output of the mappers.

- a) Reducer
- b) Mapper
- c) Shuffle
- d) All of the mentioned

4. The right number of reduces seems to be :

- a) 0.90
- b) 0.80
- c) 0.36
- d) 0.95

5. Point out the wrong statement :

- a) Reducer has 2 primary phases
- b) Increasing the number of reduces increases the framework overhead, but increases load balancing and lowers the cost of failures

- c) It is legal to set the number of reduce-tasks to zero if no reduction is desired
- d) The framework groups Reducer inputs by keys (since different mappers may have output the same key) in sort stage

6. The output of the \_\_\_\_\_ is not sorted in the Mapreduce framework for Hadoop.

- a) Mapper
- b) Cascader
- c) Scalding
- d) None of the mentioned

7. Which of the following phases occur simultaneously ?

- a) Shuffle and Sort
- b) Reduce and Sort
- c) Shuffle and Map
- d) All of the mentioned

8. Mapper and Reducer implementations can use the \_\_\_\_\_ to report progress or just indicate that they are alive.

- a) Partitioner
- b) OutputCollector
- c) Reporter
- d) All of the mentioned

9. \_\_\_\_\_ is a generalization of the facility provided by the MapReduce framework to collect data output by the Mapper or the Reducer

- a) Partitioner
- b) OutputCollector
- c) Reporter
- d) All of the mentioned

10. \_\_\_\_\_ is the primary interface for a user to describe a MapReduce job to the Hadoop framework for execution.

- a) Map Parameters
- b) JobConf
- c) MemoryConf

d) None of the mentioned