

- a) Streaming
- b) Pipes
- c) Orchestration
- d) All of the mentioned

Answer: b

Explanation: The MapReduce framework operates exclusively on pairs.

5. Point out the wrong statement.

- a) MapReduce configuration allows the framework to effectively schedule tasks on the nodes where data is already present
- b) Typically the compute nodes and the storage nodes are different
- c) The MapReduce framework consists of a single master JobTracker and one slave TaskTracker per cluster-node
- d) None of the mentioned

Answer: b

Explanation: MapReduce framework and the Hadoop Distributed File System are running on the same set of nodes.

6. The key and value classes have to be _____ by the Mapreduce framework.

- a) collected
- b) serializable
- c) compacted
- d) none of the mentioned

Answer: b

Explanation: Writable interface needs to be implemented for key classes.

7. Key classes have to implement the _____ interface to facilitate sorting by the framework.

- a) Writable
- b) Comparable
- c) WritableComparable
- d) None of the mentioned

Answer: c