

# Hadoop Online Quiz

Following quiz provides Multiple Choice Questions (MCQs) related to **Hadoop Framework**. You will have to read all the given answers and click over the correct answer. If you are not sure about the answer then you can check the answer using **Show Answer** button. You can use **Next Quiz** button to check new set of questions in the quiz.



**Q 1 - What is the main problem faced while reading and writing data in parallel from multiple disks?**

- A - Processing high volume of data faster.
- B - Combining data from multiple disks.**
- C - The software required to do this task is extremely costly.
- D - The hardware required to do this task is extremely costly.

**Answer : B**

Hide Answer

**Q 2 - Under HDFS federation**

- A - Each namenode manages metadata of the entire filesystem.
- B - Each namenode manages metadata of a portion of the filesystem.**

C - Failure of one namenode causes loss of some metadata availability from the entire filesystem.

D - Each datanode registers with each namenode.

**Answer : B**

Hide Answer

**Q 3 - For a HDFS directory the replication factor(RF) is**

A - same as the RF of the files in that directory

B - Zero

C - 3

**D - Does not apply.**

**Answer : D**

Hide Answer

**Q 4 - When the namenode finds that some blocks are over replicated, it**

A - Stops the replication job in the entire hdfs file system.

B - It slows down the replication process for those blocks

**C - It deletes the extra blocks.**

D - It leaves the extra blocks as it is.

**Answer : C**

Hide Answer

**Q 5 - The nature of hardware for the namenode should be**

- A - Superior than commodity grade
- B - Commodity grade
- C - Does not matter
- D - Just have more Ram than each of the data nodes

**Answer : A**

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**Q 6 - When a machine is declared as a datanode, the disk space in it**

- A - Can be used only for HDFS storage
- B - Can be used for both HDFS and non-HDFS storage
- C - Cannot be accessed by non-hadoop commands
- D - cannot store text files.

**Answer : B**

Show Answer

**Q 7 - When you increase the number of files stored in HDFS, The memory required by namenode**

- A - Increases
- B - Decreases
- C - Remains unchanged
- D - May increase or decrease

**Answer : A**

Hide Answer

**Q 8 - A running job in hadoop can**

- A** - Be killed with a command
- B - Can never be killed with a command
- C - Can be killed only by shutting down the name node
- D - Be paused and run again

**Answer : A**

Hide Answer

**Q 9 - What is writable?**

- A - Writable is a java interface that needs to be implemented for streaming data to remote servers.
- B - Writable is a java interface that needs to be implemented for HDFS writes.
- C** - Writable is a java interface that needs to be implemented for MapReduce processing.
- D - None of these answers are correct.

**Answer : C**

Hide Answer

**Q 10 - In order to apply a combiner, what is one property that has to be satisfied by the values emitted from the mapper?**

A - Combiner can be applied always to any data

B - Output of the mapper and output of the combiner has to be same key value pair and they can be heterogeneous

C - Output of the mapper and output of the combiner has to be same key value pair. Only if the values satisfy associative and commutative property it can be done.

**Answer : C**

Hide Answer

New Quiz