[Big Data and Hadoop Administration](https://acadgild.com/big-data/big-data-hadoop-administration)





Session 2: Hadoop

Assignment 1

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# Introduction

In this assignment, you need to select one option for the questions given on the topics discussed in the second session.

# Objective

This assignment will help you to consolidate the concepts learnt in the session 2.

# Prerequisites

Not applicable

# Associated Data Files

Not applicable

# Problem Statement

What is the default block size in HDFS?

1. 64 MB
2. 128 MB
3. 1 GB
4. 512 MB

Ans: A

2. Which of the following is not an advantage of Hadoop?

1. It’s economical
2. It’s volatile
3. It’s scalable
4. It’s Reliable

Ans: A

3. What takes care of the processing part in Hadoop?

1. HDFS
2. Datanode
3. MapReduce
4. None of the above

Ans: C

4. The backup of primary Namenode in Hadoop 1 is known as;

1. Secondary Namenode
2. Standby Namenode
3. Passive Namenode
4. Neutral Namenode

Ans: A

5. By default, how often does secondary Namenode copy metadata from primary?

1. Every half an hour
2. Every one hour
3. Every 10 minutes
4. Every day

Ans: B

6. When do we call Single point of Failure in MR1?

1. When Name node fails
2. When Data node fails
3. When Job Tracker fails
4. Both a or b

Ans: A

7. Which tool in Hadoop 1.x allows users/client to work on Streaming data?

1. Apache Storm
2. Spark
3. Both a & b
4. None of the above

Ans: A

8. Which is the best scaling in Hadoop?

1. Vertical
2. Horizontal
3. Both a & b
4. None of them

Ans: B

9. Which daemon Schedules Tasks in Hadoop 1?

1. Task Tracker
2. Job Client
3. Job Tracker
4. Name node

Ans: C

10. Java = write once run anywhere. Hadoop =?

1. Write once read many times
2. Write once run anywhere
3. Write read alter anywhere
4. Write read alter

Ans: B

# Expected Output

# Approximate Time to Complete Task