1. Which is not the property of hdfs-site.xml file?

a. Block size b. Replication factor c. Secondary NameNode port address d. Application server

**ANS:** d

2. What are the properties that we can edit in hdfs-site.xml file?

a. Block size b. Replication factor c. Block reporting interval d. All the above

**ANS: d**

3. Underlying storage layers where MapReduce programs are written:

a. Abstracted b. Open to all c. Locked d. None of these

**ANS:** a

3. Which is not a valid method in FSDATA Output Stream?

a. close( ) b. open( ) c. getpos( ) d. sync( )

**ANS: b**

5. How many blocks of size 128MB will be allocated for a file of size 524288KB:

a. 2 b. 3 c. 4 d. 5

**ANS: d**

6. MapReduce Job client calculates the input split by:

a. Figuring the first and last whole records in the block b. Figuring only the first block c. Figuring only the last block d. None of these

**ANS: a**

7. Mappers are directly related to:

a. Input data b. Input splits c. Output data c. Output splits

**ANS: b**

8. After data is written in an HDFS file, HDFS does not provide any guarantee that data are visible to a new reader until the file is \_\_\_\_\_\_

a. closed b. opened c. writing d. reading

**ANS:** a

9. What mechanism does Hadoop use to make namenode resilient to failure?

a. Take backup of filesystem metadata to a local disk and a remote NFS mount b. Store the filesystem metadata in cloud c. Use a machine with at least 12 CPUs d. Using expensive and reliable hardware

**ANS: a**

10. All the files in a directory in HDFS can be merged together using:

a. getmerge

b. putmerge

c. remerge

d. mergeall

**ANS: a**