1. HDFS is built around the idea that data is written \_\_\_\_\_but read many times.

a) many

b) twice

c) data already exists

d) once

**ans :d**

2. Hadoop divides input into fixed size pieces called what?

a) output result

b) input splits

c) input data

d) input blogs

**ans :b**

3.All the blocks are replicated in other nodes for \_\_\_\_\_\_

a)security

b)big data

c)pool

d)fault tolerance

**ans :b**

4. Block size can be changed using the properties in \_\_\_\_\_\_

a)core-site.xml

b)Hadoop-env.sh

c)hdfs-site.xml

d)yarn-site.xml

**ans :c**

5.Hadoop uses the \_\_\_\_\_\_representation of the data stored in the file blocks known as Input splits.

a)physical

b)logical

c)mechanical

d)none

**ans :b**

6.DFS calls NameNode to create file in file system’s\_\_\_\_\_

a)dataspace

b)resourcespace

c)namespace

d)nodespace

**ans :a**

7.Data packets are streamed to first DataNode in the \_\_\_\_\_\_\_\_

a) handshake

b) pipeline

c) harddisk

d) hdfs

**ans :d**

8. The client has finished writing data, it calls \_\_\_\_\_\_\_on the stream.

a) close()

b) read()

c) open()

d )check()

**ans :a**

9. Blocks are read in order, with the\_\_\_\_\_\_\_\_\_opening new connections to datanodes as the client reads through the stream.

a)DFSoutputstream

b)DFSInputStream

c)DFStrackManager

d)DFSStringConcatination

**ans :b**

10. If I have 100 input splits, how many maps will run?

a)200

b)50

c)100

d) 1

**ans :d**