Hadoop 1.X

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Results:			Class:	Wisdom Sprouts
			Period:	Hadoop
			Date:	10th December 2015

1. How many blocks will be created for a file of size 300 MB provided the default block size is 128 MB and rest all default configurations are set.

    a. 15

    b. 3

    c. 9

    d. 6

2. What is the role of a Name Node

    a. Manage Storage at Master Level

    b. Manage Processing at Master Level

    c. Manage Storage at Slave Level

    d. Manage Processing at Slave Level

3. What is the role of a Data Node

    a. Manage Storage at Master Level

    b. Manage Processing at Master Level

    c. Manage Storage at Slave Level

    d. Manage Processing at Slave Level

4. What is the role of a Job Tracker

    a. Manage Storage at Master Level

    b. Manage Processing at Master Level

c. Manage Storage at Slave Level

d. Manage Processing at Slave Level

5. What is the role of a Task Tracker

    a. Manage Storage at Master Level

    b. Manage Processing at Master Level

    c. Manage Storage at Slave Level

    d. Manage Processing at Slave Level

6. If you have to change the replication factor value, then you will modify this property in

    a. hdfs-site.xml

    b. core-site.xml

    c. mapred-site.xml

    d. hadoop-env.sh

7. If you have to change the number of Reducers, then you will modify this property in

    a. hdfs-site.xml

    b. core-site.xml

    c. mapred-site.xml

    d. hadoop-env.sh

8. If you have to change the master server, then you will modify this property in

    a. hdfs-site.xml

    b. core-site.xml

    c. mapred-site.xml

    d. hadoop-env.sh

9. The default Replication factor enforces, presence of _____ copies of every block

    a. 1

    b. 2

c. 3

d. 4

10. Shuffle and Sort phase is internal to

   a. Map Phase

   b. Reduce Phase

   c. HDFS

   d. Linux

11. The command "for service in /etc/init.d/hadoop-hdfs ; do sudo $service start;" will initiate how many services

   a. 2

   b. 3

   c. 4

   d. 5

12. The command "for service in /etc/init.d/hadoop-0.20-mapreduce ; do sudo $service start;" will initiate how many services

   a. 2

   b. 3

   c. 4

   d. 5

13. The command "for service in /etc/init.d/hadoop* ; do sudo $service start;" will initiate how many services

   a. 2

   b. 3

   c. 4

   d. 5

14. If Data Node 1 contains blocks "a" and "b" and if Data Node 2 contains block "c", then incase Data Node 2 goes down, then Task Tracker 1 can process block "c"

    a. True

    b. False

15. If Name Node goes down, then the Secondary Name Node takes its place

    a. True

    b. False

16. If the storage capacity of a server is 10 TB, then the HDFS Capacity of that server is also

    a. 10 TB

    b. 7 TB

    c. 3 TB

    d. Can't define