**1. Minimum number of reducers that can be set:**

a. 0

b. 1

c. 2

d. 4

Answer :: b. 1 (For each key in Map reduce program 1 reducer is used)

**2. Who calls the submit method on job?**

a. Resource Manager

b. Client

c. Master

d. Node Manager

Answer :: b.Client (Client calls the submit method on job and submits job to job tracker)

**3. Once the NameSpace edits are done, these are periodically updated to?**

a. Active NameNode

b. Secondary NameNode

c. Both of these

d. None of these

Answer :: a.Active NameNode

**4. Full form of YARN?**

a. Yet Another Resource Negotiation

b. Yet Another Resource Negotiator

c. Yet Another Resource Node

d. None of these

Answer :: b. Yet Another Resource Negotiator

**5. For every \_\_\_ seconds, a name node receives heart beats from data nodes.**

a. 5sec

b. 10sec

c. 3sec

d. 4sec

Answer :: c. 3sec

**6. Master layer in Hadoop Architecture contains:**

a. Name Node & Resource Manger

b. Slave nodes & Node Manager

c. Name Node & Node Manager

d. Slave nodes & Resource Manager

Answer :: a. Name Node and Resource Manager

**7. For every job submitted to Resource Manager, it returns an acknowledgement in the form of:**

a. Application

b. AppId

c. All the above

d. None of these

Answer :: c. All the above

**8. A container is supervised by:**

a. NodeManager

b. ResourceManager

c. NameNode

d. Secondary NameNode

Answer :: a. NodeManager

**9. Who manages the file system, Namespace?**

a. Namenode

b. Datanode

c. Secondary Namenode

d. None of these

Answer :: a.NameNode

**10. Metadata information in the Namenode is present in which file?**

a. fsimage

b. sfimage

c. fdimage

d. dfimage

Answer :: a.fsimage (metadata information is stored with name node while changes in the cluster are stored with edit logs)