**ACD\_BDD\_Session\_1\_Assignment\_2**

**Problem Statements**

**1. What constitutes Big Data?**

a. volume

b. velocity

c. variety

d. All the above

**Solution:** d. All the above

**2. Solution Identified to handle Big Data is?**

a. Hadoop

b. storm

c. spark

d. All of these

**Solution:** d. All of these

**3. Doug cutting added DFS & MapReduce support to:**

a) Nutch

b) spark

c) GFS

d) facebook

**Solution:** a) Nutch

**4. Which file system is followed by Hadoop?**

a. DFS

b. GFS

c. HDFS

d. NTFS

**Solution:** c. HDFS

**5. How much data can be considered as a BigData with regards to volume?**

a. Mega Bytes

b. Terabytes

c. Petabytes

d. b & c

**Solution:** d. b & c

**6. Can Hadoop process data in real time?**

a. Yes

b. No

c. None of these

**Solution:** a. Yes

**7. Hadoop is developed using?**

a. C

b. C++

c. Java

d. Ruby

**Solution:** c. Java

**8. Hadoop reduces cost of operation by?**

a. Using commodity Hardware

b. Using less number of nodes

c. Limited cluster size

d. None of these

**Solution:** a. Using commodity Hardware

**9. Search engine adopted in Hadoop is?**

a. Google

b. Yahoo

c. Solr

c. AOL

**Solution:** b. Yahoo

**10. Stream processing can be achieved in Hadoop using?**

a. Storm

b. Spark

c. Both of these

d. None of these

**Solution:** c. Both of these

**11. What is the highest data unit we have at present?**

a. Petabyte

b. Exabyte

c. Terabyte

d. Brontobyte

**Solution:** a. Petabyte

**12. Hadoop is well suited for clusters where:**

a. Number of nodes keep changing

b. Number of nodes are constant

c. Most number of free nodes

d. None of these

**Solution:** a. Number of nodes keep changing

**13. What is batch processing?**

a. processing of previously collected jobs in a single batch.

b. processing of previously collected jobs in different batches.

c. processing of jobs at that moment they are collected

d. None of these

**Solution:** a. processing of previously collected jobs in a single batch.

**14. What is stream processing?**

a. Processing data as streams

b. Processing data in batches

c. Both of these

d. None of these

**Solution:** a. Processing data as streams

**15. Hadoop uses?**

a. Batch processing

b. Near Real time processing

c. Real time processing

d. All the above

**Solution:** d. All the above