1. Explain hadoop in layman's term?

\*Hadoop is open source big data tool based on java.

\*The main purpose of hadoop is to store and process.

\*It uses HDFS for storage and Map reduce for processing.

\*It provides a reliable, scalable platform for storage and analysis.

2. Explain the components of Hadoop framework?

The components of Hadoop frame work is

i)HDFS ( Hadoop Distributed File System)

\*It is a distributed file system.

\*It is used for storage purpose of data before processing and result after processing.

\*It enables data transfer among the nodes.

ii)Map Reduce

\*It is used for processing of data.

\*It does two work :

->It delivers out work to various nodes within the map.

->it organizes and reduces the results from each node into a solution.

3. Explain the reasons to learn Big Data technologies?

\*Big data is fast growing field, job opportunity is high

\*Demand for big data technology is high.

\* With growing technology there is a need for huge amount of data to be stored for which big data analytics are useful in handling those data efficiently .