

I) Answer the following Questions

10x1/2=5 Marks.

- 1) Which of the following is not a NO SQL database? []
a) SQL server b) MongoDB c) Casandra d) None
- 2) Which of the following is a NoSQL Database Type? []
a) SQL b)Document database c)JSON d) All
- 3) Which of the following is a wide-column store? []
a) SQL server b) MongoDB c) Casandra d) None
- 4) Sharding a database across many instances can be achieved with []
a) LAN b)SAN c)MAN d) All
- 5) ___stores are used to store information about networks, such as social connections. []
a) Key-value b) wide-column c)Document d)Graph
- 6) ___ maps input key/value pairs to set of intermediate key/value pairs. []
a) Mapper b) Reducer c)Both d) None
- 7) The number of maps is usually driven by the total size of _____ []
a) Inputs b) Outputs c) Tasks d) None
- 8) _____ is the default partitioner for partitioning key space. []
a) HashPar b) Partitioner c) HashPartitioner d) None
- 9) Running a ___ program involves running mapping tasks on many of the nodes in our cluster []
a) MapReduce b) Map c) Reducer d) All
- 10) The framework groups reducer inputs by key in _____stage []
a) Sort b) Shuffle c) Reduce d) None

II) Answer the following Questions

10x1/2=5 Marks.

- 11) _____ is a simplest NoSQL database.
- 12) NoSQL can be referred to as _____
- 13) The core principle of NOSQL is _____
- 14) _____ is a online NOSQL developed by cloudera.
- 15) NoSQL databases most often referred to as _____ databases.
- 16) The number of maps is usually driven by the total size of _____
- 17) The framework groups Reducer inputs by key in _____ stage.
- 18) The mapper implementation processes one line at a time via _____ method.
- 19) The right level of parallelism for maps seems to be around _____ maps per-node.
- 20) _____Maps input key/value pairs to set of intermediate key/value pairs.

III) Answer the following Questions

5x1=5 Marks.

- 21) What is NoSQL data model?

- 22) What are Applications of NOSQL Dtabases?

23) What is major benefits of Column family databases?

24) What is JobTracker?

25) What is Shuffling and Sorting in Map Reduce?

IV) Assignment

5 Marks.