**ASSIGNMENT– II**

**Program : BE / BTECH Max. Marks : 15**

**Course : BIG DATA ANALYTICS**

**Course Code : SCSA1603 Sem : VI**

**Batch : 2019 – 2023 Due Date : 17/03/2022**

**PART – A**

**MCQS / FILL UPS 5 X 1 = 5**

### \_\_\_\_\_\_\_\_\_\_\_ is general-purpose computing model and runtime system for distributed data analytics.

### Mapreduce

### Drill

### Oozie

### None of the mentioned

### Hadoop is a framework that works with a variety of related tools. Common cohorts include \_\_\_\_\_\_\_\_\_\_\_\_

### MapReduce, Hive and HBase

### MapReduce, MySQL and Google Apps

### MapReduce, Hummer and Iguana

### MapReduce, Heron and Trumpet

### A \_\_\_\_\_\_\_\_ node acts as the Slave and is responsible for executing a Task assigned to it by the JobTracker.

### MapReduce

### Mapper

### TaskTracker

### JobTracker

### Which part of the MapReduce is responsible for processing one or more chunks of data and producing the output results?

### Maptask

### Mapper

### Task execution

### All of the mentioned

### Which function is responsible for consolidating the results produced by each of the Map () functions/tasks.

### Reduce

### Map

### Reducer

### All of the mentioned

**PART – B**

**SHORT QUESTIONS 5 X 1 = 5**

### What are the functions of Name node?

### Differentiate job tracker with task tracker.

### List the mode of operation used in Hadoop cluster

### List the type of data supported by Hadoop.

### List the components of Hadoop.

**PART – C**

### BIG QUESTION ` 1 X 5 = 5

### Explain Hadoop architecture with neat diagram