

CODE: **196627**
NOVEMBER 2020

TIME: 2Hrs
MAX. MARKS : 50
(10 x 2=20)

PART A
Answer any **TEN** questions

1. What is Big Data?
2. Define the term of Grid Computing.
3. What is meant by Map Reduce?
4. Define Hadoop Ecosystem.
5. Write about materialized views.
6. Define NoSQL.
7. List out various Data types in Hive.
8. Write down Built-In functions in Hive.
9. Define Hbase.
10. Write any two examples of Cassandra.
11. Define Volunteer Computing.
12. What is CAP theorem?

PART B
Answer any **TWO** questions

(2 x 5=10)

13. Discuss on Elements of Big Data.
14. How does Hadoop Function? Explain.
15. Explain various types of NoSQL data models.
16. Exemplify Hive DDL and Hive DML.
17. Explain Pig data model.
18. Write about graph databases and schema less databases
19. Explain Data retrieval and executing queries.
20. What is Cassandra? Explain Cassandra data model.

PART C
Answer any **TWO** questions

(2x10=20)

21. How to Use of Big data in Social Networking? Explain of them.
22. Elaborate about Concept of Blocks in HDFS Architecture.
23. Write short notes on Distribution Models and Sharding.
24. Draw a neat diagram and explain Architecture of Hive.
25. Explain data model and implementations in Hbase.
