

TD154710A

Reg. No:.....

Name:.....

**PGDM (C.B.C.S.S.) EXAMINATION, MARCH 2017
SEMESTER IV – (BUSINESS ANALYTICS)
CO4B19TM - BIG DATA ANALYTICS**

Time: Three Hours

Maximum Marks: 50

PART A

I. Write a short note on any five questions. Each question carries 1 Mark

1. Define Big data.
2. State the Vs in Big data.
3. What is Hadoop?
4. What is HDFS?
5. What is data integrity?
6. What is Map reduce combiner?
7. What is shuffling?
8. What is the present HIVE version?

(5×1=5)

PART B

II. Answer any five questions. Each question carries 3 marks

9. State any three uses of Big data.
10. What are the characteristics of Hadoop?
11. State the Hadoop framework.
12. What is the role of Secondary Name node?
13. How Hadoop system is fault tolerant?
14. State Map Red vs. Map Reduce API's.
15. Explain the role of HIVE.
16. What is HBASE? Explain its features.

(5×3=15)

PART C

III. Answer any three questions. Each question carries 10 Marks

17. Explain the technologies used for processing Big Data.
18. State the differences between Hadoop and RDBMS.
19. Explain the anatomy of a Hadoop cluster.
20. Explain HDFS in detail.
21. Explain the concept of Map reduce in Hadoop. Describe the different phases of Map Reduce with an example.
22. Explain in detail about pig.

(3×10=30)