VI Semester M.C.A Exam nation, June/July 2018
(CBCS)
COMPUTER SC ENCE
MCA6E13 : Big Data Analytics

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Instructions : 1) Answer **any five** from Part – **A** and **any four** from Part – **B**.

2) Part – **A** : Answer **any five** questions. **Each** carries **6** marks.

3) Part – **B** : Answer **any four** questions. **Each** carries **10** marks.

PART – A

1. What is NoSQL ? List out the advantages of using NoSQL ?

2. Write a note on Grid computing and Volunteer computing.

3. List and explain various types of failures in classic MapReduce

4. List and explain features of Apache Cassandra.

5. Explain Hive data types.

6. How data integrity is preserved in Hadoop ? Explain.

7. Write a note on Avro serialization system.

8. What are MapReduce output formats ?

PART – B

9. Discuss the significance of big data in various industrial applications.

10. Differentiate NoSQL from SQL. What are the different types of NoSQL databases ?

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Time : 3 Hours

Instructions.

from Part – B.

3) Part – B : Answer any four questions. Each carries 10 marks.

11. Explain va   l   MapR

12. a) What is Apache Pig ?   Pig and
       MapReduce.   5

   b) Write a note on Pig   5

         on following :
                                                                    5
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9. Discuss the significance of big data in various industrial applications.

10. Differentiate NoSQL from SQL. What are the different types of NoSQL databases ?