Code: CS7T3

IV B.Tech - I Semester – Regular Examinations – November 2015

BIG DATA CONCEPTS
(COMPUTER SCIENCE AND ENGINEERING)

Duration: 3 hours   Max. Marks: 70

Answer any FIVE questions.   All questions carry equal marks

1. a) Explain in detail about Grid Computing.   7 M

   b) Explain in detail the core projects of Hadoop.   7 M

2.   Write a Unix script and Map method to calculate a
     maximum temperature for a year.   14 M

3. a) Why is a block in HDFS is so large?   7 M

   b) Explain the design details of the HDFS.   7 M

4. a) Explain Data Integrity in HDFS.   7 M

   b) List Hadoop compression.   7 M

5. a) Explain the details of Hadoop configuration API.   7 M

   b) Explain combining resources in Hadoop.   7 M

6.   Explain the anatomy of a MapReduce job Run.   14 M

7. a) Explain about MapReduce Types.   7 M

    b) Explain various Input Formats.   7 M

8.   Explain about Built-In counters in Hadoop.   14 M