SN

8. Write short notes on: [4×4]
   a) Functional Programming
   b) Fault tolerance in GFS
   c) Recent Trends in Big Data
   d) Mongo DB

7. Write short notes on: [4×5]
   a) Functional Programming
   b) Cassandara
   c) Elasticsearch
   d) Amazon cloud

7. Write short notes on: [4×4]
   a) Functional programming
   b) Elastic search
   c) Big data in cloud
   d) Characteristics of NoSQL database

8. Write short notes on: [5×2]
   a) Internet of Things (IoT)
   b) MongoDB
   c) Distributed File System
   d) Hive
   e) Oozie

7. Write short notes on: [4×4]
   a) Functional Programming
   b) Structured, Semi-structure and Unstructured data
   c) Apache Cassandra
   d) Distributed Searching

7. Write short notes on: [3×5]
   a) Elastic Search
   b) CAP Theorem
   c) JSON and XML

9. Write short notes on: [2×5]
   a) Master-Slave architecture
   b) Zookeeper
   c) Client-Server architerucre
   d) Hadoop Map reduce
   e) Application of Big data analytics

9. Write short notes on: [5×2]
   a) Scoop and fiume
   b) Zookeeper
   c) Oozie
   d) Pig and Hive
   e) Client-Server and Master-Slave architecture

7. Write short notes on: [5×3]
   i) Elastic Search
   ii) Hbase Architecture
   iii) Functional Programming

8. Write short notes on any two of following. [2×5]
   a) Shadow Master and Cluak services
   b) Analyzers available in Lucene
   c) Vertical and Horizontal Scalability

8. Write short notes on: (any two) [2×5]
   a) CAP theorem
   b) Role of Data Scientist in Big data
   c) Amazon cloud

9. Write short notes on: [4×2]
   i) Zookeeper and Oozie
   ii) Pig and Hive

8. Write short notes on: (any two) [5×2]
   i) Combiner Functions
   ii) Fault tolerant systems
   iii) JSON
   iv) Unstructured data