FBDA Important Questions:

Chapter 1 :

1. Define big data. Explain the types of big data ?
2. Explain characteristics and challenges of big data ?
3. Classify the biga data analytics
4. Recognize the various analytical tools used for big data
5. Interpret about traditional business intelligence versus big data with respect to data warehouse and Hadoop environment.
6. Differentiate data warehouse and Hadoop environment

Chapter 2 :

1. Differentiate SQL and NoSQL
2. List and explain challenges of distributed computing.
3. Differentiate RDBMS AND Hadoop
4. Illustrate Hadoop distributed file sytem in detail with neat sketch.
5. Explain Hadoop ecosystem in detain.
6. Explain processing data with Hadoop and managing resources, applications of Hadoop yarn.

Chapter 3 :

1. List and explain the terms used in RDBMS and MongoDB.
2. Give the details of datatypes supported by the mongoDB
3. Show how a document can be modelled in mongoDB and explain the common terms used in it.
4. Explain Mapreduce with neat diagram and describe following with respect to Map Reduce :i. Mapper ii. Reducer iii. Combiner iv. Partitioner v. searching vi. Sorting vii.compression.
5. Explain MongoDB query language with syntaxes.

Chapter 4.

1. Explain Architecture of Hive and features of HIVE
2. Explain in detail about HIVE query language statements and hive analytic functions with appropriate illustrations.

3. Explain file formats used in Hive.

4. Explain about bucketing and partitioning and differentiate them.

5. Explain

i.   views   ii. Subquery iii. joins   iv. aggregations

6. explain about group by and Having in Hive and explain Rcfile implementation.

7. discuss about serialization and deserialization.

Chapter 5.

1. explain supervised unsupervised learning with suitable examples.

2. Explain different clustering techniques.

3. Explain about regression model.

4. Discuss about decision tree algorithm.

5. Explain about collaborative Filtering and Associative Rule Making.

NOTE: *Prepare mainly mid question papers and previous year questions. Prepare key points with side headings and diagrams then you will score good marks.*