

## Important Questions

### 2 weightages

- ✓ • Bigdata definition and importance
  - Document/ record in MongoDB – definition, features
  - Features of document databases/graph/columnar database
  - Text analytics definition and importance
- ✓ • Structured/semi structured/unstructured data definition and characteristics
  - MongoDB collections- definition and types
  - Data redundancy in Hadoop environment
  - Function of job tracker and task tracker in Hadoop cluster
  - Content management system- functions
  - Note on Tableau/SAS/Oracle/Pentho

### 3 weightages

- ✓ • Four dimensions of Bigdata
- ✓ • Hadoop common components
  - Types of bigdata analytics
  - Business intelligence products and bigdata
  - Step in a Pig program execution
  - Advantages/disadvantages/ features of NoSQL databases.
  - Jaql operators
  - Wrapper classes and its types
  - Explain about Pig /Hive/jqal/PigLatin etc.
  - Role of distributed system/CMS/cloud/ etc. in Bigdata environment.
  - Text analysis -different levels
  - FILTER and TRANSFORM operators in Jaql.
  - Sink and Decorator

### 5 weightages

- Components of the Bigdata stack.
- Bigdata- applications- dimensions
- Notes on any Bigdata solutions.
- Hadoop architecture
- Types of NoSQL databases.
- Characteristics of Bigdata analytics.
- Operators like \$slice, \$size, \$type, \$elemMatch, \$push in MongoDB (any five can expect in an essay)