



DITYA DEGREE COLLEGES: AU REGION

IV SEMESTER - MID - I - EXAMINATIONS

Date:07.02.2025

Course: II BBA BA

Max. Marks: 60

Time: 3 Hours

Subject: BIG DATA ANALYTICS

SECTION - A

I. Write any Five of the following:

5 X 4M = 20M

1. Hadoop and its features
2. Hadoop ecosystem
3. Map reduce example using Map,filter,reduce filter functions
4. Differentiate between predictive to prescribed analytics
5. Explain the types of data sets.
6. What are the components of Hadoop.
7. Operations in HDFS
8. How Map Reduce works in Big Data Analytics.

SECTION - B

1. Write the following Questions:

4X10 M = 40M

9. (a). Define Big data? Explain the characteristic of Big data?

(OR)

(b) . Explain the complete architecture of Hadoop with Hadoop components?

10. (a). Describe in detail HDFS and its importance in big data processing?

(OR)

(b) . Explain YARN architecture in detail.

11. (a). what is the importance of Map Reduce for data analysis?

(OR)

(b). what is the importance of YARN IN Hadoop and also the characteristics of YARN.

- 12 (a). What are different components of YARN in Hadoop ecosystem?

(OR)

(b). write a sample program explaining Map and Reduce functions.