



ADITYA DEGREE COLLEGES

* ANDHRA PRADESH *

IV SEMESTER - I MID EXAMINATIONS
II -BBA-BA major -BIG DATA ANALYTICS

Time : 2 Hours
Max. Marks : 60

Date: 31 -01-2025

SECTION-A

I. Answer any FIVE Questions.

5X4=20 M

1. What is Big data? Explain features of Big data?
2. Explain the Features of Hadoop?
3. Explain Various Applications comes Under Big data?
4. Explain Types of Hadoop Clusters?
5. What is YARN? Explain the concept of YARN?
6. What is Map Reduce Model?
7. How to Analyze Numerical and Categorical data sets?
8. Explain the Streaming Process in Hadoop ?

SECTION - B

II. Answer ALL Questions.

4X10=40 M

9. a) Explain the concept Hadoop Eco System?
(Or)
b) Explain Various Challenges faced by Big Data?
10. a) Explain Hadoop Architecture and its components ?
(Or)
b) Explain concept of Hadoop Storage with the support of HDFS?
11. a) Explain the YARN Architecture and its Components ?
(Or)
b) Explain YARN Map Reduce Application Execution Flow?
12. a) Explain Mapper and Reducer concept(Map Reduce Model) with example using Java Programming ?
(Or)
b) Explain the concept of YARN Work Flow?