

BACHELOR OF TECHNOLOGY (CBCS) (2021-COURSE)
B. Tech. Sem - V Computer Science & Engineering : WINTER : 2024
SUBJECT: BIG DATA ANALYTICS

Day : Wednesday
Date : 04/12/2024

W-25589-2024

Time : 02:30 PM-05:30 PM
Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Assume suitable data if necessary.

- Q. 1** Write a note on structure of Big Data. Discuss evolution of analytics process. (10)
- OR**
- Q. 1** Define Big data. Explain its characteristics features. (10)
- Q. 2** Explain in detail the failures in Map reduce (10)
- OR**
- Q. 2** Define HDFS. Describe namenode, datanode, and block. Explain HDFS Operations. (10)
- Q. 3** List the categories of clustering methods. Explain various steps in clustering process. (10)
- OR**
- Q. 3** Discuss Data Analytics in detail. (10)
- Q. 4** What is data stream? Explain different applications of Data stream in detail. (10)
- OR**
- Q. 4** Explain the stream model and data stream management system architecture (10)
- Q. 5** Explain about classification of decision tree in detail. (10)
- OR**
- Q. 5** Write a note on Naive Bayes classification. (10)
- Q. 6** Explain the process of installing HIVE and features of HIVE. (10)
- OR**
- Q. 6** What is Hive QL explain its features. (10)

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