

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination – October 2022

Course: B. Tech.

Branch : Computer Engineering

Semester : VII

Subject Code & Name: Big Data

Analytics[BTCOE702]

Max Marks: 20

Date:1/11/2022

Duration: 1 Hr.

Note: Each question carry 5 Marks

Q.1	Define Big Data? What are the characteristics of Big Data?	CO1 (Remember)
Q.2	Evaluate the difference between Hadoop 1.0 and Hadoop 2.0.	CO1 (Evaluate)
Q.3	Draw the architecture of HDFS and Explain the working of mapreduce. What will happen ,while performing a task ,task fails in fourth attempt justify your answer.	CO2 (Justify)
Q.4	Explain CAP theorem. If there is any distributed application or distributed database architecture which provides best consistency and availability but the architecture is not fault tolerant. Explain the challenges in such architecture justify your answer.	CO2 (Remember and Justify)