K.S. Institute of Technology, Bangalore

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ASSIGNMENT QUESTIONS

Academic Year	**2021-22**
Batch	**2018-2022**
Year/Semester/section	**III/VII/A & B**
Course Code-Title	**18CS72- Big Data Analytics**
Name of the Instructor	**Vaneeta M** **Dept** **CSE**

Assignment No: 1   **Total marks:10**
Date of Issue: 10/11/2021   **Date of Submission: 15/11/2021**

Sl. No	Assignment Questions	K Level	CO	Marks
1.	**Identify** the characteristics of Big Data with examples.	K3	**CO1**	1
2.	**Construct** differences between SQL data store and NoSQL data store and explain the functions in SQL.	K3	**CO1**	1
3.	**Make use of** examples and explain Massive Parallel Processing, Distributed Computing Model, Cloud Computing	K3	**CO1**	1
4	**Make use of** Big data architecture design and explain the function of each of the five layers	K3	**CO1**	1
5	**Build** a Big Data stack and explain its usage in analytics tasks	K3	**CO1**	1
6	**Utilize** of Big Data analytics and explain its usage in marketing, sales and advertising	K3	**CO1**	1
7	**Identify** Hadoop core components and explain its usages using a neat diagram.	K3	**CO2**	1
8	**Identify** the features of Hadoop.	K3	**CO2**	1
9	**Utilize** a neat diagram and explain Hadoop Ecosystem Components	K3	**CO2**	1
10	**Identify** the usage of Hadoop streaming and Pipes	K3	**CO2**	1

Course in charge   **HOD**