

B.E / B.Tech. PRACTICAL END SEMESTER EXAMINATIONS, NOVEMBER/DECEMBER 2023

Fifth Semester

CCS334 – BIG DATA ANALYTICS

(Regulations 2021)

Time: 3 Hours

Answer any one Question

Max. Marks 100

Aim/Principle/Apparatus required/Procedure	Tabulation/Design/ Program/Drawing	Output Results	& Viva-Voce	Record	Total
20	30	30	10	10	100

1.	Downloading and installing Hadoop framework and implement Start-up scripts and Configuration files.
2.	Write a JAVA program for Matrix Multiplication with Hadoop Map Reduce
3.	Write a command to implement file management tasks, such as Adding files and directories to HDFS.
4.	Write a JAVA program for count the number of character in a word with Hadoop Map Reduce
5.	Write a command to implement file management tasks, such as Adding files to HDFS.
6.	Write a JAVA program for count the number of words with Hadoop Map Reduce
7.	Write a command to implement file management tasks, such as deleting files from HDFS.
8.	Downloading and installing HIVE and implement Start-up scripts
9.	Write a HQL command (I) To create a table as employees with field name as eid,ename,eage,edepartment (II) Load data into table (III) Display the table content.
10.	Downloading and installing HBASE and implement Start-up scripts and Configuration files.
11.	Downloading and installing Thrift and Generate HBASE thrift binding and interact with HBASE.

12.	<p>Write HBASE command</p> <p>(I) To create a table as student with two column field.</p> <p>(II) Insert data into the table.</p> <p>(III) Get data from the table.</p> <p>(IV) Delete data from the table.</p>
13.	Write a HIVE DDL commands.
14.	Write a HIVE DML commands.
15.	<p>Write and execute the following HIVE commands</p> <ol style="list-style-type: none"> 1. CREATE 2. SHOW 3. DESCRIBE 4. USE 5. DROP 6. ALTER 7. TRUNCATE
16.	Write a JAVA program for Multiplication of two numbers with Hadoop Map Reduce
17.	Write a JAVA program for addition of two numbers with Hadoop Map Reduce

18.	<p>Write a HQL command to create a table employee with your own attribute and execute the following command</p> <ol style="list-style-type: none">1. SELECT all fields2. GROUP BY department3. WHERE any condition4. HAVING5. ORDER BY employee number
19.	<p>Write a command to implement file management tasks in HDFS.</p>
20.	<p>Write and execute the following HIVE commands</p> <ol style="list-style-type: none">1. UPDATE2. EXPORT3. IMPORT4. SORT BY5. DISTRIBUTE BY6. CLUSTER BY