**Academic Task Number: CA1 Course code:** **CAP457 (Section D2214)**

**Date of allotment:** 22nd **Feb, 2023** **Course title: Introduction to Big Data Laboratory**

**Date of submission: 22nd Feb, 2023 Maximum Marks: 50**

**Academic Task Type: Test**

**SET I**

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| **Question Number** | **Question Statement** | **Course Outcome** | **Bloom’s level** | **Marks per Question** |
| Q1 | Explain the following HDFS File management commands in cloudera.   1. List out the files in Hadoop 2. Create a new directory in Hadoop 3. Create a new text file in Hadoop 4. Copy a file from local file system to Hadoop 5. Copy a file from Hadoop to local file system 6. Adding some contents to exiting file 7. How to view the file contents from Hadoop? 8. How to check the file size? 9. How to check health status of hdfs? | CO1 | L1: Understand | 15 |
| Q2 | Explain the HIVE commands:   1. Create a database 2. Table creation (Eg: Employee) 3. Insert records (Min:6 records) 4. View all the records from table 5. Apply the aggregate functions (avg, count and sum) | CO2 | L3: Apply | 15 |

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**SET II**

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| --- | --- | --- | --- | --- |
| **Question Number** | **Question Statement** | **Course Outcome** | **Bloom’s level** | **Marks per Question** |
| Q1 | Explain the HIVE commands:   1. Create a database 2. Table creation (Eg: Student) 3. Insert records (Min:10 records) 4. View all the records from table 5. Apply the aggregate functions (min, max, avg) 6. Using alter table command to change the column positions | CO1 | L1: Understand | 15 |
| Q2 | Hive Queries:   1. Create a database 2. Table creation 3. Load data from local to hadoop 4. View all the records in the table 5. Apply the aggregate functions (min, max, avg, count and sum) 6. Using alter table command to change the column positions | CO2 | L3: Apply | 15 |