Question revision 4

FBD

1. Installation of hive on a workstation can be done using the following command

cd $HIVE_HOME

bin/hive

2. Command to display tables in Hive

Show tables;

3. The command runs a specified file using the ___ option

4. The command used for running the inline commands using the ___ option

5. ___ command displays the current value of any property

6. The default service an interface in Hive

Hive CLI (Command Line **Interface**)

7. thrift runs Hive as a server exposing a Thrift Service for various range of clients

8. **jar** a convenient way to run java application that includes Hadoop and Hive classes

9. HWI stands for Hive Web Interface

10. Metadata such as table schemas are stored in a database called **partitions**

11. **thrift client** client makes it easy to run hive commands from wide range of programming languages

12. jdbc:**hive**://**host**:**port**/dbname will connect to a Hive server running a separate process at the given host and port

13. serDe(and file format) allows to read data from a table and also write into HDFS in Hive

14. Hive is not___ online transaction processing

15. **CASCADE** means dropping respective tables before dropping the database.

16. Command to delete a table named 'employee'

Drop table if exists employee;

17. Hive organizes tables into **partitions** a way of dividing a table into coarse-grained parts based on the value of a partition column

18. Tables are further subdivided into **buckets** to give extra structure to the data that may be used for more efficient queries

19. to scan relevant partitions hive performs **partitioning**

20. CREATE TABLE bucketed_users (id INT, name STRING) CLUSTERED BY (id) SORTED BY (id ASC) INTO 4 BUCKETS; in this command '4' indicates

Number of buckets

21. output of the command hive> SELECT round(2.6) from temp;

3.0

22. output of the command hive> SELECT floor(2.6) from temp;

2.0

23. output of the command hive> SELECT ceil(2.6) from temp;

3.0

24. write a command for extracting the salary oa an employee greater than 30000 in hive is

Select *from employee where salary >

25. Generate a query to retrieve the employee details in order by using Department name.

```
SELECT Id, Name, Dept FROM employee ORDER BY DEPT;
```

26. Generate a query to retrieve the number of employees in each department.

```
SELECT Dept,count(*) FROM employee GROUP BY DEPT;
```

27. The tables created in hive are stored as

subdirectory

28. Which of the following is not a complex data type in Hive?

29. When a Hive query joins 3 tables, How many mapreduce jobs will be started?

30. An element in a STRUCT column in hive is referred by

dot