About MongobB.

- 1) Installing and Setting up Mongo DB.
 - >) Go to Mongoll Official website -> downloads.
 - n Download the community edition with zip/msi file
 [msi file scommunity
 n complete the installation process.
 - a) Add the path in envisonment variables afterwards.
 - from Mongo 6.0, shell has to be downloaded seperately.

) What is Mongolb ?

- Mosol database.
- a glis written in C++.
- is basic terminologies include database, collection and document.
-) Basic terminologies
- 3 Collection -> It is a group of Mongoob documents, equirelest to a RDBMS table.
- Document -> Document is a set of key-volue pairs.

 They have a dynamic scheme (meaning documents within the same collection can have different

4) Companision

ROBMS Mongo DB. Table Row Column Table Join formery key

Collection Delle Locument field Embedded documents. Primary key (given Ly mongo DE).

Server & Client mysgld/Oracle. mongod mysq1/sqlplus. mongo.

39d 91 a 12 eight heredeeind humber which armires the Note: uniqued of every document.

4 (timestamp) + 3 (mechine?d) + 2 (process_id) bytes. of 3 (incommenter relue).

Note: There on similar concept of relationships in Mongolls. 1:1, 1:N, N:1, N:N.

- 5) Advantages of Mongoss over RDBMS.
 - 9) Mongods 91 Schemolers, therefore can hold diff things.
 - ii) Ravily scalable.
 - iii) No complex joins.
 - IV) dyramic queries en documents as powerful as of queries.
 - V) Supports Map Reduce method.
- vi) Open Source

Mote: 2 types of data Model: - Embedded Data Model.

and Mormelised Data Model.

6) CRUD operations 90 Mongo 08.

- 1) a Refer documentation using help' command.
 - ii) refer the given output pof files for eved operations.