Introducing Relational Databases.

1) Which field of the Customers table is the primary key?

=> CNUMS is primary key

2) What is the 4th column of the Customers table?

=> Rating

3) What is another word for row? For column?

=> Another words for row Tuple, entity, opportunity.

   And for Column is attribute, key, method.

4) Why isn't it possible to see the first five rows of a table?

=> Within a file rows are store sequentially. In RDBMS table is not a file ; every row is file.

In a RDBMS, row of table are scattered all over the server HD.

       To speed up the INSERT statement. Consider a multiuser environment, when multiple user are INSERTING rows in the same table simultaneously, then the INSERT operation would be very slow. In MySQL, when you INSERT a row into table, wherever it finds the free space in DB server HD, it will store the row there when you SELECT from a table, the order of the row in the output depends on the row in the output depends on the row address; it will always be in ascending order of the row address.

       Hence it is not possible to view the first 'N' rows of tables or the last 'N' rows of the tables

This is common for all RDBMS.