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· Questions:

al) What's RDBMS?

Ail) A DBMs comprises a collection of programs to access that data. The primary goal of DBMs is to provide a method to save and retrieve DB info thats both efficient and easy. RPMs is DBMs designed specifically for relational databases. The relational model uses a collection of tables top represent both data and relationships among those data. Fach table has multiple columns and these columns have unique names. Tables are also known as relations. The storage of data in a structured format makes locating and accessing specific values easy as well.

while a relational database describes type of a PB, and RDBMs manages. The RDBMs refers to the DB program itself. Its the software that executs queries on data, including adding, updating, searching jetc.

eg. Oracle, DB, Mysgr etc.

92) What's Mysol server?

- stored in a computer DB. Mysol DB server is a very fast, reliable, scalable and easy to use. It offers a rich and useful function set. Mysol server is a client server system which comprises a multithreaded SOL server, that supposets different backends, sevenal different client server programs and libraries, administrative tools and a wide range of API's.
- 93) What are the feature's of MYSQL?
- A-3) Clients and tools: Mysol includes several client, and utility programs.

 These include both command-line programs such as Mysol admin and graphical program such as Mysol workbench.

> Connectivity:

is Clients to connect to MYSQL server using TCP/TP sockets on any

| plat form. |
|--|
| ii) Mysgl dient programs can be written in many languages. For this |
| connectors and API's are available. |
| > Locations: |
| i) The server can provide error messages to clients in many languages. |
| ii) Full support for different character seb. |
| iii) The server time zone can be changed dynamically and individual |
| clients can specify their own timezone. |
| > Internals and portability: |
| i) Written in c and ett. |
| ii) Works on many different platforms. |
| iii) Uses very fast B-tree disk tables with index compression. |
| in) Uses very fast thread-based memorry allocation system. |
| > Security ma OU p la sand march similar la sandy a sandy |
| i> A privelage and password system that's very flexible and secure |
| which enatics host-based verification. |
| is Password Security by encryption of all password traffic when connected to a server. |
| > Scalability and limits: |
| i) Supposet for large DB that contain so million records with 200000 |
| tables and about 500000000 rows |
| is supposet for upto 64 indices per table. |
| that rough 192 babbaras alum to sammon states mater roughly lands a |
| Qu) What's de fault port for MYJQL server? |
| A.4) The default port number is 3306. |
| |
| 95) List different datatypes in MYSGL? |
| A-5) i) Numeric datatypes: |
| -INT, INTEGER |
| - TINY INT, SMALLINT, BIGINT |
| - FLOAT DOUBLE, DECIMAL |
| - BOOL BOOLFAN |

| ii) Pake and time types: |
|--|
| - DATE, DATETIME |
| -TIMESTAMP, TIME |
| -YEAR |
| ii) String types: |
| - CHAR, VARCHAR |
| - BLOB, TINYBLOB, MEDIUMBLOB, LONGBLOB OF TEXT, TINYTEXT, MERUMTEXT, BIGTEXT |
| - FNUM, SET |
| -BINARY, VARBINARY |
| |
| 06> Explain DML, DDL. and DCL. |
| A.6) 1) DML (Data Manipulation Language]: A DML is a language that enables |
| users to access or manipulate data as organised by the appropriate data |
| model. The types of acresses are: |
| i) Retrieval of information from DB. |
| ii) Insertion of information from DB. |
| iii) Deletion of information from DB. |
| iv) Modification of information stored in DB. |
| - Some commands are SELECT, UPDATE, INSERT, TRUNCATE, PELETE. |
| 2) DDL (Data Definition Language): We can specify the DB ethema by a set |
| of definitions expressed by a specific language called a DDL. |
| 3) De le (pata (on trol language): A Del is a language that is used for |
| controlling privelege in the DB. It's used for granting and revoking |
| user access on a DB. |
| - Commands : GRANT, REVOKE |
| 197) Write a command to get list of DB and tables in MYSQL. |
| -A-7) To get a list of pB's: To get list of tables; |
| >> Show databases; >> Show tables: |
| 7 51000 19100 |
| |
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