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Exam : **310-810**

Title : Sun Certified MySQL 5.0
Database Administrator

Version : DEMO

1. Which one of the following statements can be used to start MySQL 5.0 manually from the command line on windows?

- A. C:\> C:\Program Files\MySQL\MySQL Server 5.0\bin\mysqladmin -u root start
- B. C:\> C:\Program Files\MySQL\MySQL Server 5.0\bin\mysqld
- C. C:\> C:\Program Files\MySQL\MySQL Server 5.0\bin\mysql_start

Answer: B

2. Another user has issued LOCK TABLES pets READ You can...

- A. Update table pets
- B. SELECT from table pets
- C. UPDATE and SELECT from table pets
- D. None of the above

Answer: B

3. Which of the following statements are true for locks established by the InnoDB storage engine?

- A. It sometimes escalates locks to page level.
- B. It sometimes escalates locks to table level.
- C. It sometimes escalates locks to page or table level.
- D. It never escalates locks to page or table level.

Answer: D

4. Which of the following is true for how the InnoDB storage engine uses disk space?

- A. It stores its data, index and undo information all in its own tablespace.
- B. It stores its data in .MYD files, in the respective database directory, and its index and undo information in its own tablespace.
- C. It stores its data and index in .MYD and .MYI files, in the respective database directory, and undo information in its own tablespace.
- D. It stores its data, index and undo information in .MYD and .MYI files, in the respective database directory.

Answer: A

5. Which of the following is true for the command-line programs mysqlcheck and myisamchk?

- A. mysqlcheck must run on the server to perform checks and repairs and myisamchk can perform checks and repairs on a remote server.
- B. mysqlcheck can perform checks and repairs on a remote server, and myisamchk must run on the server.
- C. Both mysqlcheck and myisamchk can perform checks and repairs on a remote server.
- D. Neither mysqlcheck or myisamchk can perform checks and repairs on a remote server.

Answer: B

6. MySQL is a multi-threaded database server. Every connection to the database server is handled by it's own thread.

- A. True
- B. False

Answer: A

7. mysqldump can be instructed to dump...

- A. Only table structures
- B. Only data
- C. Both table structures and data

Answer: C

8. Which of the following is true of a MySQL client and server?

- A. They must be run on the same type of Operating System.
- B. They must be run on the same hardware architecture.
- C. They do not have to be run on the same type of Operating System.
- D. They do not have to be run on the same hardware architecture.

Answer: CD

9. Which of the following APIs/connectors are included in a MySQL distribution?

- A. Connector/J
- B. Connector/ODBC
- C. C API
- D. Connector/NET
- E. Connector/MJX

Answer: C

10. Of the following mechanisms available to connect a MySQL client to a MySQL database server, which types of connections are only available on Windows based systems?

- A. TCP/IP
- B. Sockets
- C. Shared Memory
- D. Named Pipes

Answer: CD

11. Which of the following statements correctly describes the way to enable and use shared memory connections to the MySQL database server?

- A. Shared memory connections are available by default on all platforms, but must have TCP/IP networking disabled by using the --skip-networking option.
- B. Shared memory connections are supported on all windows binaries, and is enabled by default.
- C. Shared memory connections are supported on all windows binaries, and must be enabled by using the --shared-memory command line option.
- D. Shared memory is not a supported communication method for the MySQL database server.

Answer: C

12. Which mysqld command line option disables incoming TCP/IP connections?

- A. --shared-memory

- B. --memlock
- C. --no-networking
- D. --skip-networking

Answer: D

13. When making connections to a MySQL server on a Unix platform, which of the following is true?

- A. TCP/IP connections are faster than socket file connections.
- B. Socket file connections are faster than TCP/IP connections.
- C. TCP/IP and Socket file connections are equally as fast.

Answer: B

14. Which of the following best describes the processing model for how the MySQL server handles queries?

- A. The server uses a one-tier processing model in which each storage engine optimizes and processes each query issued against it.
- B. The server uses a two-tier processing model: a SQL/optimizer tier and a storage engine tier.
- C. The server uses a three-tier processing model: a SQL/optimizer tier, a formatting tier and a storage engine tier.

Answer: B

15. Which of the following best describes how MySQL utilizes the grant table buffers?

- A. The grant table buffer loads grant table information into memory for fast access.
- B. The grant table buffer loads what users are currently logged in and performing queries.
- C. The grant table buffer holds requests waiting to check the grant table to perform access-control.

Answer: A

16. In a standard MySQL installation which of following files are stored below the data directory?

- A. Format files for all the tables
- B. Data and index files for MyISAM tables
- C. InnoDB tablespace files
- D. General server logs
- E. MySQL upgrade script files

Answer: ABCD

17. Where is the data stored for a table that is defined as using the FEDERATED Storage Engine?

- A. The data will always be stored on the local host.
- B. The data will always be stored on a remote host.
- C. The data can be stored on any host depending on the definition of the table.
- D. The data will always be stored on disk.
- E. The data will always be stored in memory.
- F. The data will be stored according to the storage engine of the referenced table.

Answer: CD

18. Which of the following statements are true regarding the data directory on a Windows binary

installation?

- A. A script needs to be run to initialize it after installation.
- B. It comes pre-initialized.
- C. You can choose to pre-initialize it or initialize it manually during the installation.

Answer: B

19. Which of the following are requirements for InnoDB binary portability?

- A. Both machines must use the same operating system.
- B. Database and table names must use lowercase format.
- C. Both machines must use two's-complement integer arithmetic.
- D. Both machines must use IEEE floating-point format or contain no floating-point columns.

Answer: BCD

20. Which of the following package types are provided specifically for UNIX-style OS installations?

- A. Essentials
- B. RPM
- C. Source
- D. tar-packaged binary

Answer: BD