



## **IBM 006-002**

**Exam Name:** *Certified MySQL 5.0 DBA Part I*

**Q & A :** 140 Q&As

***Pdf Demo***

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Exam : MySQL 006-002

Title : Certified MySQL 5.0 DBA Part II

1. Which of the following is/are valid reasons to consider using --skip-networking?

- A. Your server is not networked to other servers.
- B. You do not have a need for remote clients to connect.
- C. You have a need for remote clients to connect.
- D. You are not going to use replication or clustering.

Answer: B

2. The stored function year\_to\_date is created by the 'root'@'localhost' account as follows:

```
CREATE FUNCTION year_to_date ()
```

```
RETURNS DECIMAL(10,2)
SQL SECURITY DEFINER
BEGIN
```

...

```
END;
```

Within the routine body, a number of calculations are made on data in the financials table and the calculated value is returned. The only account which can access the financials table is 'root'@'localhost'.

If a client connects with the account 'joe'@'localhost' and calls the year\_to\_date function, what will happen?

- A. The function will not execute, as 'joe'@'localhost' does not have access to the financials table
- B. The function will not execute as SQL SECURITY DEFINER has been specified. It would execute if instead SQL SECURITY INVOKER had been specified
- C. The function will always execute as if it was 'root'@'localhost' that invoked it since SQL SECURITY DEFINER has been specified.
- D. If the account 'joe'@'localhost' has the EXECUTE privilege on year\_to\_date, the function will complete successfully

Answer: D

3. Which of the following statements are true regarding wildcards in the host name of an account specification?

- A. The '%' character is used to match any number of characters or numbers
- B. The '\*' character is used to match any number of characters or numbers
- C. The '\_' character is used to match any number of characters or numbers
- D. The '.' character is used to match any single character or number
- E. Wildcards may be used to match any number of characters at the beginning of the host name or IP address only
- F. Wildcards may be used to match any number of characters at the end of the host name or IP address only
- G. Wildcards may be used to match any number of characters anywhere in the host name or IP address

Answer: AG

4. Which of the following optimizations could be made based on data collected in the slow query log?

- A. Tune server parameters.
- B. Change the storage engines in use.
- C. Make changes to the network infrastructure.
- D. Rewrite queries to perform more efficiently.
- E. Normalize data or add indexes to the tables that the queries use.

Answer: ABDE

5. Which of the following best describes what the master.info file contains and how it is used?

- A. It contains the values from the CHANGE MASTER statement.
- B. When the slave restarts it looks for which master to use from this file.
- C. It contains information about the master server, its slaves and its configuration.
- D. It is used by an administrator to determine what slaves connect to the master, and other information about the master server.

Answer: AB

6. Which of the following best describes what MASTER\_LOG\_FILE and MASTER\_LOG\_POS provides?

- A. The path of the log file.
- B. The file to log replication actions to.
- C. The masters binary log name used for replication.
- D. The position in the masters binary log in which to start replication.

Answer: CD

7. How can stored routines be used to check for constraints or legality of incoming data?

- A. They can make use of the VALIDATE DEFINER setting.
- B. They can not be used to check for constraints or legality of data.
- C. They can check and only perform an action if the incoming values match a specified value.

Answer: C

8. Which of the following best describes why InnoDB tables should always have primary keys and why they should be short?

- A. Because InnoDB uses primary keys to locate tables, and shorter keys make quicker lookups.
- B. Because InnoDB uses primary keys to locate table rows, and shorter keys make quicker lookups.
- C. Because InnoDB stores pointers in a log to all the primary keys and shorter keys make this log smaller.

Answer: B

9. When performing diagnostic functions on a server should excessive start and stop messages be looked for in the error log, and why?

- A. No, start and stop messages are of no relevance to diagnostics.

- B. Yes, because there is a bug in mysqld that can cause multiple start and stop messages to be inserted in the log.
- C. No, because they will not provide any information as to what is wrong.
- D. Yes, because they can indicate that there is something causing the server to restart unexpectedly and not due to normal startup and shutdown.

Answer: D

10. Which of the following would be considered a good candidate table for compression?

- A. A table with data that needs only few updates in the future.
- B. A table with data that will not be updated in the future.
- C. A large table, such as those used for data warehousing.
- D. All MyISAM tables are good candidates for compression.

Answer: B

11. The type of file system you chose may affect MySQL use and/or performance with regard to...

- A. Table opening time.
- B. Size limits of files.
- C. Time to recover from a crash.
- D. The number of users MySQL can handle.
- E. The type of storage engines that can be used.

Answer: ABC

12. Does max\_connections have an affect on the number of slaves that may connect to a master?

- A. No, because slaves are not really clients.
- B. Yes, because each slave is effectively a connected user.
- C. No, because slaves do not use the same type of connection as a regular client.
- D. Yes, because if the server has too many connections, it may slow the slaves down.

Answer: B

13. Which of the following best describe the effects on performance for the dynamic-row format for MyISAM has?

- A. Retrievals are more complex and slower.
- B. Retrievals are less complex and are faster.
- C. Rows generally take up less disk space than fixed-row format.
- D. Rows generally take up more disk space than fixed-row format.

Answer: AC

14. Consider the following EXPLAIN output.

```
mysql> EXPLAIN SELECT Name FROM City WHERE Population > 8000000
```

```
***** 1. row *****
```

```
id: 1
```

```
select_type: SIMPLE
```

```
table: City
```

```
type: ALL
```

```
possible_keys: NULL
```

```
key: NULL
```

```
key_len: NULL
```

```
ref: NULL
```

```
rows: 4079
```

```
Extra: Using where
```

Which of the following statements are true?

- A. The query cannot be optimized any better.
- B. No index could be used to perform the query.
- C. All 4079 rows of the table need to be examined.
- D. The Name column should be indexed.
- E. The Population column should be indexed.

Answer: BCE

15. Can multi-column FULLTEXT indexes be used? If so, when?

- A. No, they can not be used.
- B. Yes, they should be used to search multiple columns simultaneously.
- C. Yes, they can be used to search either one or all of the indexed columns.

Answer: B

16. What kind of replication is supported by the MySQL server?

- A. Multiple-master replication
- B. Master to slave replication
- C. Single file based clustering
- D. MySQL doesn't support replication

Answer: B

17. Is it possible to tell the MySQL server to throw an error on division-by-zero rather than converting it to NULL and a warning?

- A. No, it has to be done programmatically.
- B. Yes, by updating a system variable.
- C. Yes, there is a SQL mode that exists for that.
- D. No, division-by-zero is always converted regardless of any setting.

Answer: C

18. For which of the following objects can privileges be specified?

- A. Host
- B. Global
- C. Database
- D. Table
- E. Column
- F. Row

Answer: BCDE

19. Assuming that the user account 'joe'@'example.com' exists, executing DROP USER 'joe'@'example.com' has the following consequences:

- A. The user account will immediately be removed from the server, if no object-level privileges are in effect for that account
- B. The account will be removed from the server the next time FLUSH PRIVILEGES is executed, if no object-level privileges are in effect for that account
- C. The account and all associated privileges will immediately be removed from the server
- D. The user account and all associated privileges will be removed from the server the next time FLUSH PRIVILEGES is executed.

Answer: C

20. Which of the following statements are true regarding the structure of grant tables in new distributions?

- A. They change with every upgrade.
- B. They are often changed.
- C. They remain the same for backwards compatibility.

Answer: B

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