

1Z0-882^{Q&As}

MySQL 5.6 Developer

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QUESTION 1

The people table contains the data as shown:

first_name	last_name	age
John	Smith	42
Andrew	Smith	23
Alice	Smith	18
Wendy	Jones	31
Thomas	Jones	45

Which two statements return two rows each?

- A. SELECT DISTINCT last_name, first_name FROM people
- B. SELECT 1,2 FROM people GROUP BY last_name
- C. SELECT first_name, last_name FROM people WHERE age LIKE `2`
- D. SELECT 1, 2 FROM people WHERE last_name = 'smith'
- E. SELECT first_name, last_name FROM people LIMIT 1, 2

Correct Answer: CE

QUESTION 2

You execute this EXPLAIN statement for a SELECT statement on the table named comics which contains 1183 rows:

mysql> explain select comic_title, publisher from comics where comic_title like `and Actionand`;

id	select_type	table	type	possible_keys	key	key_len	ref	rows
1	SIMPLE	comics	ALL	NULL	NULL	NULL	NULL	1183

Using where

1 row in set (0.00 sec)

You create the following index:

CREATE INDEX comic_title_idx ON comics (comic_title, publisher); You run the same EXPLAIN statement again;

mysql > explain select comic_title ,publisher from comics where comic_title like `and Actionand`;

id	select_type	table	type	possible_keys	key	key_len	ref
1	SIMPLE	comics	index	NULL	comic_title_idx	114	NULL
1183	Using where; Using index						

1 row in the second SELECT statement need to read all 1183 rows in the index comic_title_idx?

- A. Because comic_title is not the primary key
- B. Because a LIKE statement always requires a full tables scan
- C. Because comic_title is part of a covering index
- D. Because a wildcard character is at the beginning of the search word

Correct Answer: B

QUESTION 3

In the office table, the city column is structured as shown:

```
mysql> show columns from office like `city`\G
```

```
-----1. row ----- Field: city
```

```
Type: enum('paris','Amsterdam','New York','Tokyo') Null: Yes
```

Key:

Default:NULL

Extra:

Consider the output of the SELECT query executed on the office table:

```
mysql> SELECT DISTINCT city FROM office ORDER BY city:
```

```

city
Paris
Amsterdam
New York
Tokyo
    
```

If the query is written as:

SELECT DISTINCT city FROM office ORDER BY CAST(city AS CHAR) In what order are the rows returned?

- A. Paris, Amsterdam. New York, Tokyo

- B. Tokyo, New York, Amsterdam, Paris
- C. Amsterdam, New York, Paris, Tokyo
- D. Tokyo, Paris, New York, Amsterdam

Correct Answer: C

QUESTION 4

You are connected to a MySQL server and using a prepared statement. You accidentally exit your session.

What will happen if you log back in to use your prepared statement?

- A. The statement exists, but will need to be deallocated and re-created.
- B. The statement exists, but the user variables need to be redefined.
- C. The statement can be used, if the MySQL server hasn't been restarted.
- D. The statement no longer exists.

Correct Answer: A

QUESTION 5

A table (t1) contains 1000 random integer values in the first column (col1). The random values range from 1 to 1000.

You execute this query: `SELECT col1 FROM t1 WHERE col1=900`

What is the output?

- A. A list of unique values within the ranges of 1-200 and 900-1000
- B. A list of unique values within the range of 1-200 and a list of all values, including duplicates, on the table within the range of 900-1000
- C. A list of all values , including duplicates, in the range of 1-200 and a list of unique values in the range of 900-1000
- D. A list of all values, including duplicates, in the ranges of 1-200 and 900-1000
- E. An error, because mixing UNION and UNION ALL in the same query is not permitted

Correct Answer: C

QUESTION 6

Which three are valid identifiers for the user table in the mysql1 database?

- A. myssq1. user

- B. `mysql. user\`
- C. `mysql\`. `user\`
- D. Mysql. `user\`
- E. `mysql. User\`\`

Correct Answer: AD

QUESTION 7

Given the data:

colors1		colors2	
id	name	id	name
1	red	1	red
2	blue	2	blue
3	green	3	green
4	gold	5	blue
5	silver	4	green

Expected output: Which query produces the expected output?

name	name
red	red
blue	blue
green	green
blue	blue
green	green
NULL	gold
NULL	silver

- A. SELECT colors2.name, colors1.name FROM colors2 OPTIONAL JOIN colors1 ON colors2.name, colors1.name
- B. SELECT colors2.name, colors1.name FROM colors2 NATURAL JOIN colors1 ON colors2.name=colors1.name
- C. SELECT colors2.name, colors1.name FROM colors2 STRAIGHT JOIN colors1 ON colors2.name, =colors1.name
- D. SELECT colors2.name,colors1.name FROM colors2 LEFT JOIN colors1 ON colors2.name=colors1.name
- E. SELECT colors2.name,colors1.name FROM colors2 RIGHT JOIN colors1 ON colors2.name=colors1.name

Correct Answer: D

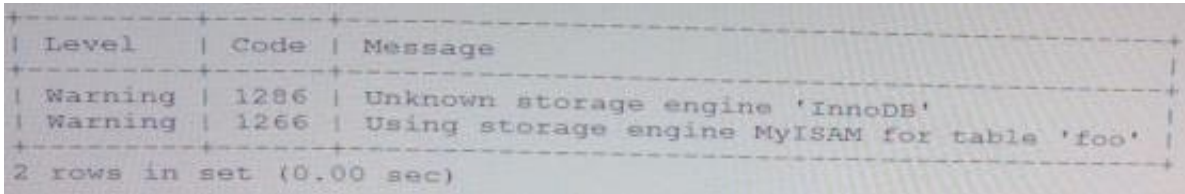
QUESTION 8

Inspect the CREATE TABLE below:

Mysql> CREATE TABLE foo (a INT, PRIMARY KEY (a)) ENGINE =InnoDB; Query Ok, 0 rows affected, 2

warnings (0.11 sec)

Mysql> SHOW WARNINGS;



```
| Level | Code | Message |
|-----|-----|-----|
| Warning | 1286 | Unknown storage engine 'InnoDB' |
| Warning | 1266 | Using storage engine MyISAM for table 'foo' |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

Which two is true connecting the meaning of the warnings?

- A. The InnoDB storage engine was disabled during server startup.
- B. Global variable skip_innodb was set to ON after the server had started.
- C. The default storage engine MYISAM was used for the table created.
- D. MYSQL server was not started with the option default storage engine=InnoDB
- E. Needed to specify TYPE = InnoDB instead of ENGINE=InnoDB

Correct Answer: DE

QUESTION 9

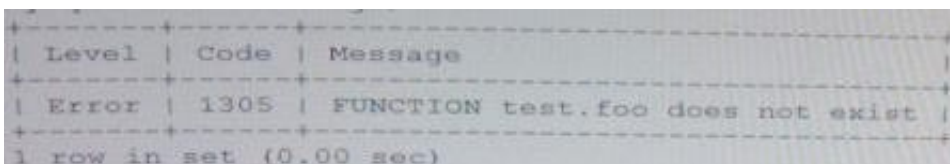
Which three statements describe valid reasons why queries that use "SELECT" construct are discouraged?

- A. SELECT * may cause more data than you need to be read from disk if your application needs only some columns.
- B. SELECT * causes more data than you need to be sent via the client/server protocol if your application needs only some columns.
- C. SELECT * prevents the use of indexes, so a full table scan for every query.
- D. SELECT * causes your application to depend on the columns present when you wrote it, so your application could break if the table structure changes.
- E. SELECT * causes the statements to return all rows from the table.

Correct Answer: DE

QUESTION 10

Consider the statements: Mysql> drop function foo; ERROR 1305 (420000): FUNCTION test.foo does not exist Mysql > show warnings;



```
| Level | Code | Message |
|-----|-----|-----|
| Error | 1305 | FUNCTION test.foo does not exist |
+-----+-----+-----+
1 row in set (0.00 sec)
```

MySQL> get diagnostics condition 2 @msg=MESSAGE_TEXT; What is the result of the final statement?

- A. An empty result is returned. @msg is set to message of the warning.
- B. A warning message is generated that adds error 1758 (invalid condition number) to the diagnostics area.
- C. A line will be an output to the error log that contains the warning message details from the failed command.
- D. An error is generated as only one condition can exist in the diagnostics area.

Correct Answer: C

QUESTION 11

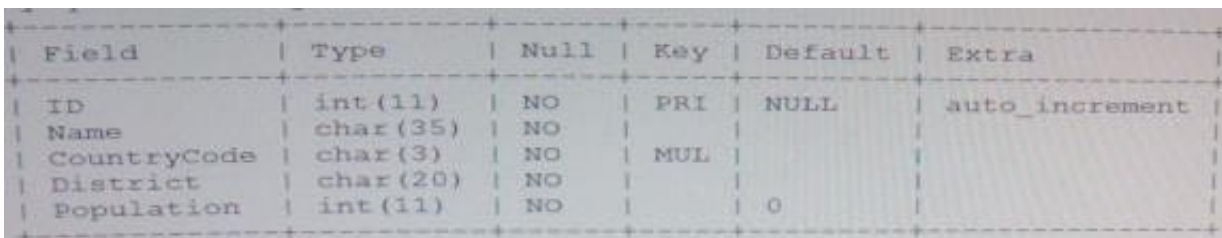
What are two ways in which normalizing your tables helps improve performance In MySQL?

- A. Smaller table sizes and row lengths improve sorting operations.
- B. Separate tables allow indexing more columns.
- C. Fewer nullable column improve index usage.
- D. Normalizing Improves the performance of innodb_file_per _table.

Correct Answer: D

QUESTION 12

Consider the table structure shown by this output: MySQL> desc city:



Field	Type	Null	Key	Default	Extra
ID	int(11)	NO	PRI	NULL	auto_increment
Name	char(35)	NO			
CountryCode	char(3)	NO	MUL		
District	char(20)	NO			
Population	int(11)	NO		0	

5 rows in set (0.00 sec)

You execute this statement:

```
SELECT --, city. * FROM city LIMIT 1
```

What is returned?

- A. An error message
- B. One row with 5 columns
- C. One row with 10 columns

D. One row with 15 columns

Correct Answer: A

QUESTION 13

Which two Functions can be used in a C program to retrieve information about warning?

- A. mysql_info
- B. mysql_error
- C. mysql_warning_count
- D. mysql_errno

Correct Answer: AB

QUESTION 14

Consider the structure of the table countryLanguage and the distribution of the column Is official. DESCRIBE CountryLanguage;

Field	Type	Null	Key	Default	Extra
Country	char(3)	NO	PRI		
Language	char(30)	NO	PRI		
IsOfficial	enum('T','F')	YES		F	
Percentage	float(3,1)	YES		0.0	

SELECT Isofficial, COUNT (Isofficial) FROM CountryLanguage GROUP BY Isofficial;

IsOfficial	COUNT(IsOfficial)
T	538
F	746

You add an index on the Isofficial column. Which two statement are true?

- A. The optimizer will choose the index when Isofficial='T' is in the WHERE clause.
- B. The optimizer will choose the index when Isofficial='F' is in the WHERE clause.
- C. The optimizer will not choose the index on the Isofficial column.
- D. The speed of INSERT statements to this table will be improved.
- E. The speed of INSERT statements to this table will be reduced.
- F. The speed of INSERT statements to this table will be unchanged.

Correct Answer: CE

QUESTION 15

Which two code samples demonstrate valid methods for working with loops?

- A. DECLARE I INT DEFAULT 0; Test_loop: LOOP SET i =i +1; IF i > =5 THEN LEAVE test_loop; END IF; END LOOP test_loop;
- B. DECLARE i INT DEFAULT 0; WHILE I
- C. DECLARE i INT DEFAULT 0; WHILE i
- D. DECLARE i INT DEFAULT 0; Test _loop; LOOP SET i =i +1; IF i >=5 THEN LEAVE; END IF; END LOOP test_loop;

Correct Answer: C

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