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Vendor:PostgreSQL-CE

Exam Code:PGCES-02

Exam Name:PostgreSQL CE 8 Silver

Version:Demo

QUESTION 1

Select two appropriate statements from below about the following SQL statements: CREATE FUNCTION myfunc(INTEGER) RETURNS text LANGUAGE plpgsql STRICT AS \\' DECLARE x ALIAS FOR \$1; r text := \\'\'default\\\'\' ; BEGIN IF x > 100 THEN SELECT INTO r data FROM mytable WHERE id = x; END IF; RETURN r; END;\\';

- A. An error is generated unless the plpgsql language is registered in the database beforehand.
- B. The execution results of SELECT myfunc(-123) differs based on the content of "mytable".
- C. When SELECT myfunc(123) is executed an error occurs.
- D. When SELECT myfunc(NULL) is executed an error occurs.
- E. When SELECT myfunc (0) is executed the text "default" is returned.

Correct Answer: AE

QUESTION 2

A sequence has the following definition: CREATE SEQUENCE seq1 CACHE 10 CYCLE; Select the value that is returned by executing the following SQL. SELECT nextval(\\'seq1\\');

- A. 0
- B. 1
- C. 10
- D. 11
- E. -10

Correct Answer: B

QUESTION 3

Select the correct SQL statement to define a new data type.

- A. CREATE CLASS
- B. CREATE FUNCTION
- C. CREATE OPERATOR
- D. CREATE DATABASE
- E. CREATE TYPE

Correct Answer: E

QUESTION 4

The following SQL defines an INSERT with respect to item_view. Select the keyword that is applicable in the underlined blank. CREATE foo AS ON INSERT TO item_view DO INSTEAD INSERT INTO item_table VALUES (NEW.id, NEW.itemname);

- A. RULE
- B. VIEW
- C. TRIGGER
- D. FUNCTION
- E. CONSTRAINT

Correct Answer: A

QUESTION 5

I would like to enable all users to SELECT the "item" table. Select the most appropriate SQL statement from below.

- A. GRANT public SELECT ON item;
- B. GRANT SELECT ON item TO public;
- C. REVOKE \\\r\\ ON item TO public;
- D. REVOKE READ ON item TO public;
- E. REVOKE public SELECT ON item;

Correct Answer: B

QUESTION 6

What does the following command do? Select the correct description from below. Note:

"text=#" is the command prompt for psql.

test=# ANALYZE foo;

- A. Collects statistical information related to the content of the database foo.
- B. Collects statistical information related to the content of the table foo.
- C. Collects statistical information related to the content of the database test.
- D. Outputs statistical information related to the content of the table foo.
- E. The command does not generate an error; however, it does not do anything either.

Correct Answer: B

QUESTION 7

Select two correct statements about the command shown below. Note: \$ is the command prompt. \$ vacuumdb -az

- A. Recovers unused areas from all of the databases.
- B. Collects statistical information related to the table content for all of the databases.
- C. Processes the job equivalent of the VACUUM FULL command for all of the databases.
- D. Processes the job equivalent of the VACUUM VERBOSE command for all of the databases.
- E. The database can not be accessed until this command is finished.

Correct Answer: AB

QUESTION 8

The following table called 'company' is defined as follows:

id | name

----+-----1 | Pgsq|,inc.

2 | Postgres Co.,Ltd

3 | SQL Company.

Select the most appropriate psql command for generating a text file company.txt on the client side with the following content:

1,"Pgsq|,inc."

2,"Postgres Co.,Ltd"

3,SQL Company.

- A. \copy company TO 'company.txt' WITH ',','
- B. \copy company TO 'company.txt' WITH DELIMITER AS ',','
- C. \copy company TO 'company.txt' DELIMITER ',','
- D. \copy company TO "company.txt"
- E. \copy company TO company.txt CSV

Correct Answer: E

QUESTION 9

Select one incorrect statement concerning the following SQL statement. CREATE OR REPLACE VIEW sales_view AS SELECT * FROM sales_table ORDER BY sales_date DESC LIMIT 10;

- A. Defines the view called "sales_view".
- B. Replaces "sales_view" if it already exists.
- C. When you \\\'SELECT\\\' the "sales_view", it displays the first 10 records from the "sales_table" sorted by the "sales_date" column in descending order.
- D. Some errors occur when "SELECT * FROM sales_table" is executed after the view is defined.
- E. You can confirm that the "sales_view" has been added by querying the view called "pg_views".

Correct Answer: D

QUESTION 10

Select an appropriate command to check the PostgreSQL version in psql.

- A. \server_version
- B. SELECT version;
- C. SELECT version();
- D. SHOW version;
- E. SHOW server;

Correct Answer: C

QUESTION 11

Select the most suitable statement regarding PostgreSQL\\'s pg_hba.conf configuration file.

- A. You can use any number of authentication types on a single line.
- B. You cannot set different authentications per user.
- C. You can set different authentications per table.
- D. The authentication settings in the file are evaluated from the top line to the bottom line.
- E. krb5 authentication can only be used for local connections.

Correct Answer: D

QUESTION 12

The following SQL statements were executed using psql. Select the appropriate statement about the result. LISTEN sign_v;

BEGIN;

NOTIFY sign_v; COMMIT; LISTEN sign_v;

- A. At the point that `\\NOTIFY sign_v\\` is executed, a message that starts with "Asynchronous notification `\\sign_v\\` received" is output.
- B. At the point that `\\COMMIT\\` is executed, a message that starts with "Asynchronous notification `\\sign_v\\` received" is output.
- C. At the point that `\\SELECT * FROM pg_user;` is executed, a message that starts with "Asynchronous notification `\\sign_v\\` received" is output.
- D. When `\\LISTEN sign_v\\` is executed for the second time, a message that starts with "Asynchronous notification `\\sign_v\\` received" is output.
- E. The message "Asynchronous notification `\\sign_v\\` received" is not received while in this connection.

Correct Answer: B