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Q&A

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Exam : **1Z0-101**

Title : Develop pl/sql program units

Version : DEMO

1.Which two statements about packages are true? (Choose two.)

- A.Packages can be nested.
- B.You can pass parameters to packages.
- C.A package is loaded into memory each time it is invoked.
- D.The contents of packages can be shared by many applications.
- E.You can achieve information hiding by making package constructs private.

Correct:D E

2.Which code can you use to ensure that the salary is neither increased by more than 10% at a time nor is it ever decreased?

- A.ALTER TABLE emp ADD CONSTRAINT ck_sal CHECK (sal BETWEEN sal AND sal*1.1);
- B.CREATE OR REPLACE TRIGGER check_sal BEFORE UPDATE OF sal ON emp FOR EACH ROW WHEN (new.sal < old.sal OR new.sal > old.sal * 1.1) BEGIN RAISE_APPLICATION_ERROR (- 20508, 'Do not decrease salary nor increase by more than 10%'); END;
- C.CREATE OR REPLACE TRIGGER check_sal BEFORE UPDATE OF sal ON emp WHEN (new.sal < old.sal OR new.sal > old.sal * 1.1) BEGIN RAISE_APPLICATION_ERROR (- 20508, 'Do not decrease salary nor increase by more than 10%'); END;
- D.CREATE OR REPLACE TRIGGER check_sal AFTER UPDATE OF sal ON emp WHEN (new.sal < old.sal OR -new.sal > old.sal * 1.1) BEGIN RAISE_APPLICATION_ERROR (- 20508, 'Do not decrease salary nor increase by more than 10%'); END;

Correct:B

3.The procedure ADD_PRODUCT is defined within a package specification as follows: PROCEDURE ADD_PRODUCT (p_prodno NUMBER, p_prodname VARCHAR2); Which procedure declaration cannot be added to the package specification?

- A.PROCEDURE add_product (p_order_date DATE);
- B.PROCEDURE add_product (p_name VARCHAR2, p_ordered DATE);
- C.PROCEDURE add_product (p_prodname VARCHAR2, p_price NUMBER);
- D.PROCEDURE add_product (p_price NUMBER, p_description VARCHAR2);

Correct:D

4.The programmer who developed a procedure ACCOUNT_TRANSACTION left the organization. You are assigned the task of modifying this procedure. You want to find all the program units invoking the ACCOUNT_TRANSACTION procedure. How can you find this information?

- A.Query the USER_SOURCE data dictionary view.
- B.Query the USER_PROCEDURES data dictionary view.
- C.Query the USER_DEPENDENCIES data dictionary view.
- D.Set the SQL*Plus environment variable TRACECODE=TRUE and run the ACCOUNT_TRANSACTION procedure.
- E.Set the SQL*Plus environment variable DEPENDENCIES=TRUE and run the ACCOUNT_TRANSACTION procedure.

Correct:C

5.Which part of a database trigger determines the number of times the trigger body executes?

- A.trigger type
- B.trigger body
- C.trigger event
- D.trigger timing

Correct:A

6.Which compiler directive is used to check the purity level of functions?

- A.PRAGMA PURITY_LEVEL
- B.PRAGMA SERIALLY_REUSEABLE
- C.PRAGMA RESTRICT_REFERENCES
- D.PRAGMA RESTRICT_PURITY_LEVEL
- E.PRAGMA RESTRICT_FUNCTION_REFERENCE

Correct:C

7.Which system privilege must you have to manually recompile a stored procedure owned by another application developer?

- A.ALTER PROCEDURE
- B.ALTER ANY PROCEDURE
- C.ALTER ALL PROCEDURE
- D.COMPILE ANY PROCEDURE

Correct:B

8.You are creating a stored procedure in the SQL*Plus environment. The text of the procedure is stored in a script file. You run the script file to compile the procedure. What happens if the procedure contains syntax errors?

- A.Neither the source code, nor the errors are stored in the database.
- B.Both the source code and the compilation errors are stored in the database.
- C.Compilation errors are appended to the script file that contains the source code.
- D.The source code is stored in the database, and the errors are stored in an output file.
- E.Only the compilation errors are written to the database, and source code remains in the script file.

Correct:B

9.Which procedure of the dbms_output supplied package would you use to append text to the current line of the output buffer?

- A.GET
- B.GET_LINE
- C.PUT_TEXT_LINE
- D.PUT

Correct:D

10.The number of cascading triggers is limited by which database initialization parameter?

- A.CASCADE_TRIGGER_CNT
- B.OPEN_CURSORS
- C.OPEN_TRIGGERS
- D.OPEN_DB_TRIGGERS

Correct:B

11.Examine this function: CREATE OR REPLACE FUNCTION CALC_PLAYER_AVG (V_ID in PLAYER_BAT_STAT.PLAYER_ID%TYPE) RETURN NUMBER IS V_AVG NUMBER; BEGIN SELECT HITS / AT_BATS INTO V_AVG FROM PLAYER_BAT_STAT WHERE PLAYER_ID = V_ID; RETURN (V_AVG); END; Which statement will successfully invoke this function in SQL*Plus?

- A.SELECT CALC_PLAYER_AVG(PLAYER_ID) FROM PLAYER_BAT_STAT;
- B.EXECUTE CALC_PLAYER_AVG(31);
- C.CALC_PLAYER('Ruth');

D.CALC_PLAYER_AVG(31);
E.START CALC_PLAYER_AVG(31)

Correct:A

12.Examine this package: CREATE OR REPLACE PACKAGE discounts IS g_id NUMBER := 7839; discount_rate NUMBER := 0.00; PROCEDURE display_price (p_price NUMBER); END discounts; / CREATE OR REPLACE PACKAGE BODY discounts IS PROCEDURE display_price (p_price NUMBER) IS BEGIN DBMS_OUTPUT.PUT_LINE('Discounted '|| TO_CHAR(p_price*NVL(discount_rate, 1))); END display_price; BEGIN discount_rate := 0.10; END discounts; / The SQL*Plus SERVEROUTPUT setting is turned on in your session. You execute the procedure DISPLAY_PRICE from SQL*Plus with the command: EXECUTE discounts.display_price (100); What is the result?

- A.Discounted 10
- B.Discounted 100
- C.Discounted 0.00
- D.Discounted NULL
- E.Discounted 0.10

Correct:A

13.You have created a stored procedure DELETE_TEMP_TABLE that uses dynamic SQL to remove a table in your schema. You have granted the EXECUTE privilege to user A on this procedure. When user A executes the DELETE_TEMP_TABLE procedure, under whose privileges are the operations performed by default?

- A.SYS privileges
- B.your privileges
- C.public privileges
- D.user A's privileges
- E.User A cannot execute your procedure that has dynamic SQL.

Correct:B

14.When creating procedures, arguments should be placed before which keyword?

- A.IS
- B.BEGIN
- C.DECLARE
- D.PROCEDURE

Correct:A

15.You need to recompile several program units you have recently modified through a PL/SQL program. Which statement is true?

- A.You cannot recompile program units using a PL/SQL program.
- B.You can use the DBMS_DDL.RECOMPILE packaged procedure to recompile the program units.
- C.You can use the DBMS_ALTER.COMPILE packaged procedure to recompile the program units.
- D.You can use the DBMS_DDL.ALTER_COMPILE packaged procedure to recompile the program units.
- E.You can use the DBMS_SQL.ALTER_COMPILE packaged procedure to recompile the program units.

Correct:D

16.Which two statements are true? (Choose two.)

- A.A function must return a value.
- B.A procedure must return a value.

- C.A function executes as a PL/SQL statement.
- D.A function is invoked as part of an expression.
- E.A procedure must have a return data type specified in its declaration.

Correct:A D

17.The add_player, upd_player_stat, and upd_pitcher_stat procedures are grouped together in a package. A variable must be shared among only these procedures. Where should you declare this variable?

- A.in the package body
- B.in a database trigger
- C.in the package specification
- D.in each procedure's DECLARE section, using the exact same name in each

Correct:A

18.There is a CUSTOMER table in a schema that has a public synonym CUSTOMER and you are granted all object privileges on it. You have a procedure PROCESS_CUSTOMER that processes customer information that is in the public synonym CUSTOMER table. You have just created a new table called CUSTOMER within your schema. Which statement is true?

- A.Creating the table has no effect and procedure PROCESS_CUSTOMER still accesses data from public synonym CUSTOMER table.
- B.If the structure of your CUSTOMER table is the same as the public synonym CUSTOMER table then the procedure PROCESS_CUSTOMER is invalidated and gives compilation errors.
- C.If the structure of your CUSTOMER table is entirely different from the public synonym CUSTOMER table then the procedure PROCESS_CUSTOMER successfully recompiles and accesses your CUSTOMER table.
- D.If the structure of your CUSTOMER table is the same as the public synonym CUSTOMER table then the procedure PROCESS_CUSTOMER successfully recompiles when invoked and accesses your CUSTOMER table.

Correct:D

19.Under which situation do you create a server-side procedure?

- A.when the procedure contains no SQL statements
- B.when the procedure contains no PL/SQL commands
- C.when the procedure needs to be used by many client applications accessing several remote databases
- D.when the procedure needs to be used by many users accessing the same schema objects on a local database

Correct:D

20.Which two programming constructs can be grouped within a package? (Choose two.)

- A.cursor
- B.constant
- C.trigger
- D.sequence
- E.view

Correct:A B