Oracle 1z0-101

Oracle 1z0-101 Develop pl/ sql program units

Practice Test

Version 1.1

QUESTION NO: 1

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. CREATE OR REPLACE TRIGGERcheck_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;
B. CREATE OR REPLACE TRIGGERcheck_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;
C. CREATE OR REPLACE TRIGGERcheck_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;
D. ALTER TABLEemp ADD
CONSTRAINT ck_sal CHECK (sal BETWEEN sal AND sal*1.1);

Answer: C

QUESTION NO: 2

Examine this package specification:

CREATE OR REPLACE PACKAGE concat_all
IS
v_string VARCHAR2(100);

PROCEDURE combine (p_num_val NUMBER);
PROCEDURE combine (p_date_val DATE);
PROCEDURE combine (p_char_val VARCHAR2, p_num_val NUMBER);
END concat_all;
/

Which overloaded COMBINE procedure declaration can be added to this package specification?

A. PROCEDUREconcat_all
(p_num_val VARCHAR2, p_char_val NUMBER);
B. PROCEDURE combine;
C. PROCEDUREcombine (p_no NUMBER);
D. PROCEDURE combine (p_val_1 VARCHAR2, p_val_2 NUMBER);

Answer: B

QUESTION NO: 3

Why do stored procedures and functions improve performance? (Choose two.)

A. They reduce network round trips.
B. They reduce the number of calls to the database and decrease network traffic by bundling commands.
C. They reduce the number of calls to the database and decrease network traffic by using the local PL/SQL engine.
D. They allow the application to perform high-speed processing locally.
E. They postpone PL/SQL parsing until run time.

Answer: A,B

QUESTION NO: 4

When creating stored procedures and functions, which construct allows you to transfer values to and from the calling environment?

A. Boolean variables
B. substitution variables
C. local variables
D. formal arguments

Answer: D

QUESTION NO: 5

Examine this trigger:

```
CREATE OR REPLACE TRIGGER UPD_TEAM_SALARY
AFTER INSERT OR UPDATE OR DELETE ON PLAYER
FOR EACH ROW
BEGIN
UPDATE TEAM
SET TOT_SALARY = TOT_SALARY + :NEW.SALARY
WHERE ID = :NEW.TEAM_ID;
END;
```

You will be adding additional code later but for now you only want the current code in the block to fire when updating the salary column. Which function should you use to verify that the user is performing an update on the salary column?

A. COLUMN_UPDATE('SALARY')
B. UPDATING ('SALARY')
C. ROW_UPDATE('SALARY')
D. CHANGING('SALARY')

Answer: B

QUESTION NO: 6

Examine this procedure:

```
CREATE OR REPLACE PROCEDURE INSERT_TEAM
(V_ID in NUMBER, V_CITY in VARCHAR2 DEFAULT 'AUSTIN', V_NAME in VARCHAR2)
IS
BEGIN INSERT INTO TEAM (id, city, name)
VALUES (v_id, v_city, v_name);
COMMIT;
END;
```

Which two statements will successfully invoke this procedure in SQL*Plus? (Choose two.)

A. EXECUTE INSERT_TEAM;
B. EXECUTE INSERT_TEAM (3,'LONGHORNS');
C. EXECUTE INSERT_TEAM(3,'AUSTIN','LONGHORNS');
D. EXECUTE INSERT_TEAM(3, V_NAME=>'LONGHORNS', V_CITY=>'AUSTIN');

E. EXECUTE INSERT_TEAM (V_ID := 3, V_NAME := 'LONGHORNS', V_CITY := 'AUSTIN');

Answer: C,D

QUESTION NO: 7

When creating a function in SQL*Plus, you receive this message:

"Warning: Function created with compilation errors."

Which command can you issue to see the actual error message?

A. SHOW ERRORS
B. SHOW FUNCTION_ERROR
C. SHOW ALL_ERRORS
D. SHOW USER_ERRORS

Answer: A

QUESTION NO: 8

Which Oracle supplied package allows you to run jobs at user-defined times?

A. DBMS_JOB
B. DBMS_RUN
C. DBMS_PIPE
D. DBMS_SQL

Answer: A

QUESTION NO: 9

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

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

Answer: B

QUESTION NO: 10

Which two statements are true? (Choose two.)

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

Answer: D,E

QUESTION NO: 11

When creating a function, in which section will you typically find the RETURN keyword?

A. HEADER only
B. EXECUTABLE AND EXCEPTION HANDLING
C. EXECUTABLE AND HEADER
D. DECLARATIVE

Answer: C

QUESTION NO: 12

The ADD_PLAYER procedure inserts rows into the PLAYER table. Which command will show this direct dependency?

A. SELECT * FROM USER_DEPENDENCIES
WHERE REFERENCED_NAME = 'TABLE';
B. SELECT * FROM USER_DEPENDENCIES
WHERE TYPE = 'DIR';
C. SELECT * FROM USER_DEPENDENCIES
WHERE REFERENCED_NAME = 'PLAYER';
D. SELECT * FROM USER_DEPENDENCIES
WHERE REFERENCED_NAME = 'ADD_PLAYER';

Answer: C

QUESTION NO: 13

Examine the trigger:

CREATE OR REPLACE TRIGGER Emp_count
AFTER DELETE ON Emp_tab
FOR EACH ROW
DECLARE
n INTEGER;
BEGIN
SELECT COUNT(*)
INTO n
FROM Emp_tab;
DBMS_OUTPUT.PUT_LINE(' There are now ' || n ||
' employees.');
END;

This trigger results in an error after this SQL statement is entered:

DELETE FROM Emp_tab WHERE Empno = 7499;

How do you correct the error?

A. Change the trigger to a statement-level trigger by removing FOR EACH ROW.
B. Remove the DBMS_OUPUT statement because it is not allowed in a trigger.
C. Change the trigger type to a BEFORE DELETE.
D. Take out the COUNT function because it is not allowed in a trigger.

Answer: A

QUESTION NO: 14

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

Answer: E

QUESTION NO: 15

Examine this procedure:

CREATE OR REPLACE PROCEDURE INSERT_TEAM
(V_ID in NUMBER, V_CITY in VARCHAR2 DEFAULT 'AUSTIN', V_NAME in VARCHAR2)
IS
BEGIN
INSERT INTO TEAM (id, city, name)
VALUES (v_id, v_city, v_name);
COMMIT;
END;

Which two statements will successfully invoke this procedure in SQL*Plus? (Choose two.)

A. EXECUTE INSERT_TEAM(3, V_NAME=>'LONGHORNS', V_CITY=>'AUSTIN');
B. EXECUTE INSERT_TEAM (V_ID := 3, V_NAME := 'LONGHORNS', V_CITY := 'AUSTIN');

C. EXECUTE INSERT_TEAM(3,'AUSTIN','LONGHORNS');
D. EXECUTE INSERT_TEAM (3,'LONGHORNS');
E. EXECUTE INSERT_TEAM;

Answer: A,C

QUESTION NO: 16

Which statement is true?

A. Server-side procedures are stored in script files on the server.
B. Server-side procedures are visible in the SERVER_SOURCE dictionary view.
C. Server-side procedures are visible in the SERVER_PROCEDURES data dictionaryview .
D. Server-side procedures are visible in the ALL_SOURCE dictionary view.

Answer: D

QUESTION NO: 17

Examine this procedure:

CREATE OR REPLACE PROCEDURE ADD_PLAYER
(V_ID IN NUMBER, V_LAST_NAME VARCHAR2)
IS
BEGIN
INSERT INTO PLAYER (ID,LAST_NAME)
VALUES (V_ID, V_LAST_NAME);
COMMIT;
END;

This procedure must invoke the UPD_BAT_STAT procedure and pass a parameter.

Which statement will successfully invoke this procedure?

A. EXECUTE UPD_BAT_STAT(V_ID);
B. RUN UPD_BAT_STAT(V_ID);
C. START UPD_BAT_STAT(V_ID);
D. UPD_BAT_STAT(V_ID);

Answer: D

QUESTION NO: 18

Examine this package:

```
CREATE OR REPLACE PACKAGE BB_PACK
IS
V_MAX_TEAM_SALARY NUMBER(12,2);
PROCEDURE ADD_PLAYER(V_ID IN NUMBER, V_LAST_NAME VARCHAR2, V_SALARY
NUMBER);
END BB_PACK;
/
CREATE OR REPLACE PACKAGE BODY BB_PACK
IS
PROCEDURE UPD_PLAYER_STAT
(V_ID IN NUMBER, V_AB IN NUMBER DEFAULT 4, V_HITS IN NUMBER)
IS
BEGIN
UPDATE PLAYER_BAT_STAT
SET AT_BATS = AT_BATS + V_AB,
HITS = HITS + V_HITS
WHERE PLAYER_ID = V_ID;
COMMIT;
END UPD_PLAYER_STAT;
PROCEDURE ADD_PLAYER
(V_ID IN NUMBER, V_LAST_NAME VARCHAR2, V_SALARY NUMBER)
IS
BEGIN
INSERT INTO PLAYER(ID,LAST_NAME,SALARY)
VALUES (V_ID, V_LAST_NAME, V_SALARY);
UPD_PLAYER_STAT(V_ID,0,0);
END ADD_PLAYER;
END BB_PACK;
```

You have made a change to the body of the BB_PACK package. What happens when the stand alone procedure VALIDATE_PLAYER_STAT references this package?

A. VALIDATE_PLAYER_STAT is notinvalidated.B.VALIDATE_PLAYER_STAT is not invalidated.
B. VALIDATE_PLAYER_STAT and BB_PACK areinvalidated.D.VALIDATE_PLAYER_STAT and BB_PACK are invalidated.
C. VALIDATE_PLAYER_STAT isinvalidated.C.VALIDATE_PLAYER_STAT is invalidated.
D. VALIDATE_PLAYER_STAT cannot recompile and must be recreated.