Oracle 1Z0-149 Practice Questions

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Question 1

Question Type: MultipleChoice

Examine these statements which execute successfully:

```
CREATE TABLE t (a INT, b INT, c INT INVISIBLE);
 INSERT INTO t (a, b, c) VALUES (1, 2, 3);
 COMMIT;
```

Which anonymous block executes successfully?

A.

```
DECLARE
 t_rec t%ROWTYPE;
BEGIN
 t_rec.c := t_rec.a;
 SELECT * INTO t_rec FROM t WHERE ROWNUM < 2;
 DBMS_OUTPUT.PUT_LINE('c = ' || t_rec.c);
END;
```

B.

```
DECLARE
 t_rec t%ROWTYPE;
BEGIN
 t_rec.a := t_rec.b;
 SELECT * INTO t_rec FROM t WHERE ROWNUM < 2;
 DBMS_OUTPUT.PUT_LINE('a = ' || t_rec.a);
END;
```

C.

```
DECLARE
 t_rec t%ROWTYPE;
BEGIN
 t_rec.b := t_rec.c;
 SELECT * INTO t_rec FROM t WHERE ROWNUM < 2;
 DBMS_OUTPUT.PUT_LINE('b = ' || t_rec.b);
END;
```

D.

```
DECLARE
 t_rec t%ROWTYPE;
BEGIN
 t_rec.c := NULL;
 SELECT * INTO t_rec FROM t WHERE ROWNUM < 2;
 DBMS_OUTPUT.PUT_LINE('c = ' || t_rec.c);
END;
```

P2P exams

Options:

A- Option A
B- Option B
C- Option C
D- Option D

P2P exams

Answer:

B

Question 2

Question Type: MultipleChoice

SERVEROUTPUT is enabled.

Which is the correct method to use a PACKAGED CONSTANT in SELECT statements?

A.

```
CREATE OR REPLACE PACKAGE my_const IS
   max_val CONSTANT NUMBER(2) := 30;
END my_const;
/

SELECT a FROM (SELECT 12 a FROM dual UNION SELECT 35 FROM dual) WHERE a > my_const.max_val;
```

B.

```
CREATE OR REPLACE PACKAGE my_const IS
   max_val CONSTANT NUMBER(2) := 30;
END my_const;
/

SELECT a FROM (SELECT 12 a FROM DUAL UNION SELECT 35 FROM DUAL) WHERE a > (SELECT my_const.max_val FROM dual);
```

C.

```
CREATE OR REPLACE PACKAGE my_const IS
  FUNCTION fetch_max RETURN NUMBER;
END;
/

CREATE OR REPLACE PACKAGE BODY my_const IS
   max_val CONSTANT NUMBER(2) := 30;
   FUNCTION fetch_max RETURN NUMBER IS
      BEGIN
        RETURN max_val;
      END fetch_max;
   END;
/

SELECT a FROM (SELECT 12 a FROM dual UNION SELECT 35 FROM dual) WHERE a > my_const.fetch_max();
```

D.

```
CREATE OR REPLACE PACKAGE my_const IS
   max_val CONSTANT NUMBER(2) := 30;
END my_const;
/
WITH x AS
(SELECT  my_const.max_val  v FROM dual)

SELECT a FROM (SELECT 12 a FROM dual UNION SELECT 35 FROM dual) WHERE a > (SELECT v FROM x);
```

Options:

A- Option A
B- Option B
C- Option C
D- Option D

Answer:

D

Question 3

Question Type: MultipleChoice

Which block of code displays the error message ''Incorrect price value''?

A.

```
DECLARE
  price CONSTANT NUMBER(4) := 10000;
BEGIN
  NULL;
EXCEPTION
  WHEN VALUE_ERROR THEN
    DBMS_OUTPUT.PUT_LINE('Incorrect price value');
END;
/
```

B.

```
BEGIN
DECLARE
  price CONSTANT NUMBER(4) := 50000;
BEGIN
  NULL;
END;
EXCEPTION
  WHEN VALUE_ERROR THEN
    DBMS_OUTPUT.PUT_LINE('Incorrect price value');
END;
/
```

C.

```
BEGIN
DECLARE
  error_detected EXCEPTION;
  PRAGMA EXCEPTION_INIT(error_detected, -2001);
  price CONSTANT NUMBER(4) := 10000;
BEGIN
  NULL;
END;
EXCEPTION
  WHEN error_detected THEN
    DBMS_OUTPUT.PUT_LINE('Incorrect price value');
END;
/
```

D.

```
DECLARE
  price CONSTANT NUMBER(4) := 10000;
BEGIN
  NULL;
EXCEPTION
  WHEN OTHERS THEN
    DBMS_OUTPUT.PUT_LINE('Incorrect price value');
END;
/
```

P2P exams

Options:

A- Option A
B- Option B
C- Option C
D- Option D

Answer:

B

Question 4

Question Type: MultipleChoice

Examine this code:

```
BEGIN
   RAISE_APPLICATION_ERROR(-3167, 'User Error');
END;
/
```

What will be the outcome?

Options:

A- It will execute successfully and will display the user-defined error message.
B- It will result in an error as the range of the error code can only be from ''-20000 to -20999.''
C- It will result in an error as the range of the error code can only be from ''-1000 to -2000.''

D- It will result in an error as the range of the error code can only be from ''-2000 to -2999.'

Answer:

B

Question 5

Question Type: MultipleChoice

Examine these facts:

Table EMP exists in schema USERA with columns SALARY and EMP_ID.

EMP_ID is the primary key with values ranging from 1 to 100.

USERA now executes these statements successfully:

```
conn userA/userA@pdb1
/
create or replace procedure myproc
is
eRec emp%rowtype;
begin
select * into eRec from userA.emp where emp_id=50;
dbms_output.put_line(eRec.Salary);
end;
/
```

USERA then grants execute privilege on procedure MYPROC to USERB.

USERB exists in the database identified by pdb1 but does not have select privilege on USERA.EMP.

USERB now executes these statements:

conn userB/userB@pdb1

execute userA.myproc;

Which is true?

Options:

A- It results in an error because Authid Current_User is missing from MYPROC.
B- It results in an error because Authid Definer is missing from MYPROC.

C- It results in an error because USERB doesn't have select privilege on USERA.EMP.
D- It executes successfully.

Answer:

D

Question 6

Question Type: MultipleChoice

In one of your databases, table HR.EMPLOYEES includes the columns FIRST_NAME and EMPLOYEE_ID.

A row exists with EMPLOYEE_ID 201.

Examine these packages created by user HR:

```
CREATE PACKAGE helper AUTHID DEFINER ACCESSIBLE BY (api) IS
    PROCEDURE h1;
END;
/

CREATE PACKAGE BODY helper IS
   PROCEDURE h1 IS
      emp_name   employees.first_name%TYPE;
   BEGIN
      SELECT first_name INTO emp_name FROM hr.employees WHERE employee_id=201;
      DBMS_OUTPUT.PUT_LINE(emp_name);
   END;
END;
/

CREATE PACKAGE api AUTHID CURRENT_USER IS
   PROCEDURE p1;
END;
/

CREATE PACKAGE BODY api IS
   PROCEDURE p1 IS
   BEGIN
      helper.h1;
   END;
END;
/
```

EXECUTE privilege is granted to user SH, on the HR.API and HR.HELPER packages.

Which two will execute successfully? (Choose two.)

Options:

A- Call HR.HELPER.H1 from the HR schema.
B- Call HR.HELPER.H1 from the SH schema.
C- Call HR.API.P1 from the HR schema.
D- Call HR.API.P1 from the SH schema.
E- Create and call a package procedure API.H1 in the SH schema, which calls HR.HELPER.H1.

Answer:

B, D

Question 7

Question Type: MultipleChoice

The SH schema contains the PRODUCTS table with column PDT_NAME defined as VARCHAR2(10).

Which two blocks of code execute successfully when invoked by user SH? (Choose two.)

A.

```
DECLARE
  TYPE pdt_rec IS RECORD (
    pdt_id   NUMBER,
    pdt_name VARCHAR2(10));
  PROCEDURE display_rec (p_rec IN pdt_rec DEFAULT pdt_rec(1,null)) AS
  BEGIN
    DBMS_OUTPUT.PUT_LINE(p_rec.pdt_id);
  END;
BEGIN
  display_rec;
END;
/
```

B.

```
DECLARE
  TYPE pdt_nt_tab IS TABLE OF VARCHAR2(10);
  pdt_names pdt_nt_tab;
BEGIN
  pdt_names.EXTEND;
  pdt_names(1):='wheat';
  DBMS_OUTPUT.PUT_LINE(pdt_names(1));
END;
/
```

C.

```
DECLARE
  CURSOR c_products is
    SELECT pdt_name from products;
   TYPE c_list IS TABLE of products.pdt_name%type INDEX BY binary_integer;
   product_list c_list;
BEGIN
  product_list(1):='wheat';
  DBMS_OUTPUT.PUT_LINE(product_list(1));
END;
/
```

D.

```
DECLARE
   TYPE pdt_tab IS TABLE OF NUMBER INDEX BY PLS_INTEGER;
   l_pdt pdt_tab := pdt_tab (1, 2, 3);
BEGIN
   DBMS_OUTPUT.PUT_LINE (l_pdt.COUNT);
END;
/
```

E.

```
DECLARE
  TYPE pdt_var IS VARRAY(3) OF VARCHAR2(6);
  pdt_list pdt_var;
BEGIN
  pdt_list(1) := 'A';
  DBMS_OUTPUT.PUT_LINE(pdt_list(1));
END;
/
```

Options:

A- Option A
B- Option B
C- Option C
D- Option D

Answer:

A, C

Question 8

Question Type: MultipleChoice

Which two are true about exception handling? (Choose two.)

Options:

A- Internally defined exceptions can be handled only by the OTHERS exception handler.
B- All declared exceptions are raised implicitly by the runtime system.
C- User-defined exceptions can be defined in the declarative part of any PL/SQL anonymous block, subprogram, or package.
D- Only predefined exceptions and user-defined exceptions can have a user-declared name associated with them.
E- Predefined exceptions are globally declared in the standard package.

Answer:

C, E

Question 9

Question Type: MultipleChoice

For which three SYSTEM EVENTS can triggers be created? (Choose three.)

Options:

A- DDL
B- AFTER AUDIT
C- BEFORE ANALYZE
D- SHUTDOWN
E- SERVERERROR
F- STARTUP
G- BEFORE GRANT

Answer:

D, E, F

Question 10

Question Type: MultipleChoice

Which three are true about the NOCOPY hint, the PARALLEL ENABLE hint, and the DETERMINISTIC clause? (Choose three.)

Options:

A- The PARALLEL_ENABLE clause can be used only in the CREATE FUNCTION statement.
B- The NOCOPY hint asks the compiler to pass the actual parameters by reference.
C- A deterministic function's results always depend on the state of session variables.
D- The NOCOPY hint asks the compiler to pass the actual parameters by value.
E- A function is deterministic if it always returns the same result for a specific combination of input values.
F- The PARALLEL_ENABLE clause can be specified for a nested function.
G- A function defined with the PARALLEL_ENABLE clause may be executed in parallel in a SELECT statement or a subquery in a DML statement.

Answer:

B, E, G

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