L1 RDBMS Mock Test Set 1

**Section:**

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**Time Left :** **65 : 11**

**List View**



*Active     Attempted     Not Attempted*

**Q1**

Which of the following are NOT a part of  software maintenance phases?

*Single Choice - Select one correct answer from the options list.*

Knowledge Transition

Knowledge Acquisition

Training

Execution

**Q2**

Which of the following are NOT the activities of the design phase?

*Multiple Choice - This may have multiple correct answers. Select required answer(s) from the options list.*

Identify Technology Stack

Creating Integration Test Plan

Identifying the non functional requirements

Preparing logical database design

Preparing unit test plan

Setting up the coding standards

**Q3**

Which of the following are NOT TRUE for System Testing?

*Multiple Choice - This may have multiple correct answers. Select required answer(s) from the options list.*

Outcome of  this testing indicates whether client acceptance e of product

Includes functional,  load performance testing.

Is the testing of behavior of a complete and fully integrated software product

Done by customers

**Q4**

Identify the pseudocode which exhibits robustness.

*Single Choice - Select one correct answer from the options list.*

SUB  shape(sides)  
 IF (sides >0 and sides <3) THEN  
     PRINT "No proper mathematical shape "  
 ELSE IF (sides > =3 and sides < 4) THEN  
     PRINT "It Can be a Triangle"  
 ELSE IF (sides >= 4 and sides<5) THEN  
     PRINT "It can be a Square"  
 ELSE  
     PRINT "It can be a Polygon"  
 END IF  
END

SUB  shape(sides)  
 IF(sides<=0) THEN  
   PRINT "No shape"  
 IF (sides >0 and sides <3) THEN  
   PRINT "No proper mathematical shape"  
 ELSE IF (sides > =3 and sides < 4) THEN  
   PRINT "It Can be a Triangle"  
 ELSE IF (sides >= 4 and sides<5) THEN  
   PRINT "It can be a Square"  
 END IF  
END

SUB  shape(sides)  
 IF(sides<=0) THEN  
  PRINT "No shape"  
 ELSE IF (sides >0 and sides <3) THEN  
  PRINT "No proper mathematical shape"  
 ELSE IF (sides > =3 and sides < 4) THEN  
  PRINT "It Can be a Triangle"  
 ELSE IF (sides >= 4 and sides<5) THEN  
  PRINT "It can be a Square"  
 ELSE IF  
  PRINT "It can be a Polygon"  
 END IF  
END

SUB  shape(sides)  
 IF(sides<=0) THEN  
  PRINT "No shape"  
 ELSE IF (sides >0 and sides <3) THEN  
  PRINT "No proper mathematical shape"  
 ELSE IF (sides > =3 and sides < 4) THEN  
  PRINT "It Can be a Triangle"  
 ELSE IF (sides >= 4 and sides<5) THEN  
  PRINT "It can be a Square"  
 ELSE IF (sides >= 5 and sides<6) THEN  
  PRINT "It can be a Pentagon"  
 ELSE  
   PRINT "It can be a Polygon"  
 END IF  
END

**Q5**

Which of the following are correct guidelines for creating exception handlers?

*Multiple Choice - This may have multiple correct answers. Select required answer(s) from the options list.*

No need to analyze the consequences of failures but need to  find out correct probability.

No need to document the reason for the exception

Catch the exception in the appropriate parent module

Raise the exception whenever the condition arises in the sub module

**Q6**

Which of the following statement is not correct?

*Single Choice - Select one correct answer from the options list.*

Debugging is to find and correct the cause of the software error.

Debugging can be performed on code or on requirements and specifications.

Debugging combines a systematic search with an intuitive feel for the nature of the program.

Debugging is one of the testing techniques

**Q7**

Identify incorrect statement(s) about a Data model.

*Single Choice - Select one correct answer from the options list.*

A Data model helps in organizing data elements and their relationship

Data Model helps communication between business and technical groups  
 

A model enables the database practitioners to implement the database system exactly conforming   
to the information requirements

Data Models do not deal with data formats 

**Q8**

Which of the following is FALSE  with respect to ER Diagram ?

*Single Choice - Select one correct answer from the options list.*

Strong entity set is represented by single rectangle

Derrived Attribute is represented as a solid ellipse wih a underline

Multivalued Attribute are represented using double ellipse

Identifying relationship is shown with a double diamond

**Q9**

Which of the following is /are NOT referred in Coneptual modelling?

*Multiple Choice - This may have multiple correct answers. Select required answer(s) from the options list.*

Entity Types

Unique Key

Cardinality

Constraints

**Q10**

The system table \_\_\_\_\_\_\_\_\_\_\_ contains one row per user-created table.

*Single Choice - Select one correct answer from the options list.*

User\_tab

User\_tab\_cols

User\_tables

User\_tab\_columns

**Q11**

What will be the following statement return, If it is 5 minutes past noon on 15 Jan 2012?      (Marks 2)  
SELECT ROUND(SYSDATE) - ROUND(SYSDATE,'Y') FROM dual;

*Single Choice - Select one correct answer from the options list.*

15.5

15

0

16

**Q12**

When you subtract one date value from another date value the difference is a number which is in terms of the number of \_\_\_\_\_\_\_\_\_ between the two.

*Single Choice - Select one correct answer from the options list.*

Days

Days-Hours-Minutes-Seconds

Dates

Hours

**Q13**

Evaluate the following statements:  
  
CREATE TABLE PRODUCTS  
(id NUMBER(2),  
description VARCHAR2(15));  
SQL> INSERT INTO PRODUCTS VALUES (1,'ONE');  
SQL>COMMIT;  
SQL> INSERT INTO PRODUCTS VALUES (2,'TWO');  
  
What would be the outcome of the below query?  
SQL> SELECT \* FROM PRODUCTS;

*Single Choice - Select one correct answer from the options list.*

     ID DESCRIPTION  
------- ---------------  
      1 TWO

     ID DESCRIPTION  
------- -------------  
      1 ONE  
      2 TWO

     ID DESCRIPTION  
------- -------------  
      2 TWO

     ID DESCRIPTION  
------- ---------------  
      1 ONE

**Q14**

Identify true statement(s) about Virtual column:

*Multiple Choice - This may have multiple correct answers. Select required answer(s) from the options list.*

Consumes storage

Provides the ability to define a column that contains derived data, within the database

Virtual columns can't be indexed

Derived values for virtual columns are calculated by defining a set of expressions or functions that   
are associated with the virtual column

Virtual column name will not be shown in the describe <table> command

**Q15**

Identify true statement(s) about Read-only tables?

*Multiple Choice - This may have multiple correct answers. Select required answer(s) from the options list.*

The tables are read-only across the database

The tables are read-only at the user's schema level only

Can be used to prevent changes to a table's data during maintenance operations

You can change the status of read-only using ALTER command

**Q16**

SalesMans Table:  
S\_ID        S\_Name           City  
101          John                   New York  
102          Smith                 Boston  
103          Ronald               Washington  
104          Jiya                      Dubai  
  
Customers Table:  
C\_ID             C\_Name                  City                     S\_ID  
201                Jack                      Dubai                         104  
202               Thomas                  New York              102  
203               Harry                     Washington           101  
204               Oliver                    Boston                     101  
205               Joseph                  Sydney                   102  
  
Referring to the above data from Salesmans and customers table.  
Which of the following query will return Salesman names and customer names living in the same city?

*Single Choice - Select one correct answer from the options list.*

SELECT S.S\_Name, C.C\_Name, S.City  
FROM Salesmans S, Customers C  
WHERE S.s\_id = C.s\_id;

SELECT S.S\_Name, C.C\_Name, S.City  
FROM Salesmans S, Customers C  
WHERE S.city = C.city

SELECT S.S\_Name, C.C\_Name, S.City  
FROM Salesmans S, Customers C  
WHERE S.s\_id = C.c\_id;

SELECT S.S\_Name, C.C\_Name, S.City  
FROM Salesmans S, Customers C  
WHERE S.S\_Name = C.C\_Name;

**Q17**

Refer to the following tables:  
  
Emp Table  
EMPNO        ENAME       DEPTNO  
7839              KING            10  
7902              FORD           20  
7869              SMITH         10  
  
Dept Table  
DEPTNO            DNAME  
10                   ACCOUNTING  
20                  RESEARCH  
30                  SALES  
  
Which of the query will give the following output?  
  
DEPTNO        DNAME  
30                   SALES

*Single Choice - Select one correct answer from the options list.*

SELECT d.deptno,dname FROM emp e,dept d WHERE e.deptno = d.deptno

SELECT d.deptno,dname FROM emp e,dept d WHERE e.deptno = d.deptno(+)

SELECT d.deptno,dname FROM emp e,dept d WHERE e.deptno(+) = d.deptno(+)

SELECT d.deptno,dname FROM emp e,dept d WHERE e.deptno (+)= d.deptno

**Q18**

Which of the following SELECT statements  can be used to extract the month from the system date   
and display it in the format as given below:  
  
MONTH  
---------  
March

*Single Choice - Select one correct answer from the options list.*

SELECT TO\_DATE(SYSDATE,'Month') MONTH FROM dual;

SELECT SUBSTR(SYSDATE,3,'Month') MONTH FROM dual;

SELECT TO\_CHAR(SYSDATE,'Month') MONTH FROM dual;

SELECT TO\_DATE(SUBSTR(SYSDATE,3,2,'Month')) MONTH FROM dual;

**Q19**

\_\_\_\_\_ holds the definitions(like columns, constraints, triggers) of all of the data tables.

*Single Choice - Select one correct answer from the options list.*

database

data dictionary

data source

data mining

**Q20**

Consider below table creation statement:  
  
CREATE TABLE employee\_identification (data\_id VARCHAR2(50));  
INSERT INTO employee\_identification VALUES ('ArtADB1234567e9876540');  
COMMIT;  
SELECT \*  FROM employee\_identification;                                                                              DATA\_ID                                                                                                 
-----------------------------                                                         
ArtADB1234567e9876540                                                          
What will be the output of the below query?                               
 SELECT REGEXP\_SUBSTR(data\_id, '[A-Z][a-z]+', 1, 1) FROM   
employee\_identification;

*Single Choice - Select one correct answer from the options list.*

Art

ABD

ArtADB

None of the above

**Q21**

How would you insert a document into the fruit collection with the attributes of "name" being "apple", "color" being "red", and "shape" being "round", using the "insert" method? Type your answer here as you would type it into the mongo shell.

*Single Choice - Select one correct answer from the options list.*

db.fruit.insert({ name: "apple", color: "red" })

db.fruit.insert({ name: "apple", color: "yellow" })

db.fruit.insert({ name: "apple", color: "red", shape: "circle" })

db.fruit.insert({ name: "apple", color: "red", shape: "round" })

**Q22**

BSON plays the role of a canonical (i.e., "unique") representation of documents shared across all drivers and tools.

*Single Choice - Select one correct answer from the options list.*

TRUE

FALSE

**Q23**

Which of the following expressions is a valid JSON document?

*Single Choice - Select one correct answer from the options list.*

{"a":1, "b":2, "c":3}

{"a",1; "b",4, "c",6}

{"a":1; "b":1; "c":4}

("A",1; "b":2; "c",4}

**Q24**

Suppose a simple e-commerce product catalog called catalog with documents that look like this: { product : "Super Duper-o-phonic",   
  price : 100000000000,  
  reviews : [ { user : "fred", comment : "Great!" , rating : 5 },  
              { user : "tom" , comment : "I agree with Fred, somewhat!" , rating : 4 } ],  
  ... } Write a query that finds all products that cost more than 10,000 and that have a rating of 5 or better.

*Single Choice - Select one correct answer from the options list.*

db.catalog.find( { "price" : { "$gt" : 10000 } , "reviews.rating" : { "$gte" : 5 } } );

db.catalog.find( { "price" : { "$gt" : 10000 } , "reviews.rating" : { "$lte" : 5 } } );

db.catalog.find( { "price" : { "$gt" : 10000 } , "reviews.rating" : { "$eq" : 5 } } );

db.catalog.find( { "price" : { "$gt" : 10000 } , "reviews.rating" : { "$neq" : 5 } } );

**Q25**

What will the following query do? db.scores.find( { score : { $gt : 50 }, score : { $lt : 60 } } );

*Single Choice - Select one correct answer from the options list.*

Find all documents with score between 50 and 60

Find all documents with score greater than 50

Find all documents with score less than 60

Explode like the Death Star

None of the above

**Q26**

After performing the following update on an empty collection                               db.foo.update( { username : 'bar' }, { '$set' : { 'interests': [ 'cat' , 'dog' ] } } , { upsert : true } ); What could be a document in the collection?

*Single Choice - Select one correct answer from the options list.*

{ "\_id" : ObjectId("507b78232e8dfde94c149949"), "interests" : [ "cat", "dog" ]}

{"interests" : [ "cat", "dog" ], "username" : "bar" }

{}

{ "\_id" : ObjectId("507b78232e8dfde94c149949"), "interests" : [ "cat", "dog" ], "username" : "bar" }

**Q27**

The process that does instance recovery is?

*Single Choice - Select one correct answer from the options list.*

PMON

SMON

DBWN

CKPT

**Q28**

Testing the 3 layers of the database Physical,  Conceptual and logical is:

*Single Choice - Select one correct answer from the options list.*

Testing stored and modified data

I/O Validation

Testing Views

None of the above

**Q29**

The explain plan command gives the?

*Single Choice - Select one correct answer from the options list.*

actual plan

predicted plan

table info

index info

**Q30**

Indexes information can be viewd under?

*Single Choice - Select one correct answer from the options list.*

dba\_tables

dba\_segments

dba\_extents

dba\_indexes

**Q31**

The temporary tablepsace is used for  storing?

*Single Choice - Select one correct answer from the options list.*

undo data

temporary data

backup data

system data

**Q32**

The process is used to archive the redo logfiles is \_\_\_\_\_\_\_\_\_\_\_\_.

*Single Choice - Select one correct answer from the options list.*

DBWN

CKPT

SERVER PROCESS

USER PROCESS

ARCHIVER PROCESS

**Q33**

provide the mongo shell command to create a unique index on student\_id, class\_id, ascending for the collection students.

*Single Choice - Select one correct answer from the options list.*

db.students.createIndex({"student\_id":1, "class\_id":1}, {"unique": Null);

db.students.createIndex({"student\_id":1, "class\_id":1}, {"unique": false});

db.students.createIndex({"student\_id":1, "class\_id":1}, {"unique": true});

db.students.createIndex({"student\_id":1, "class\_id":1}, {"unique":});

**Q34**

Log\_buffer  can be sized dynamically.

*Single Choice - Select one correct answer from the options list.*

TRUE

FALSE

**Q35**

How do u define the maximum size of SGA?

*Single Choice - Select one correct answer from the options list.*

SGA\_MAX\_SIZE\_TARGET

SGA\_MAX\_SIZE

SGA\_SIZE\_MAX

SGA\_MAX\_TARGET

**Q36**

The dictionary view to see the table information is?

*Single Choice - Select one correct answer from the options list.*

dba\_tables

dba\_segments

dba\_extents

dba\_tablespaces

**Q37**

Identify the factors to test in a Database using Black Box Testing:

*Multiple Choice - This may have multiple correct answers. Select required answer(s) from the options list.*

Testing Views

Error Handling

Testing Data Constraints

Table Structure validation

**Q38**

The shared pool  follows LRU algorithm.

*Single Choice - Select one correct answer from the options list.*

TRUE

FALSE

**Q39**

\_\_\_\_\_\_\_\_\_ command will change the access permission (add group read/write) to all the files in   
the current directory containing the word "Kaalibabu" in their names?

*Multiple Choice - This may have multiple correct answers. Select required answer(s) from the options list.*

chmod g+rw \*Kaalibabu\*

setperm r+w \*Kaalibabu\*

chmod 0060 \*Kaalibabu\*

chgmod +rw \*Kaalibabu\*

**Q40**

An user needs to execute a awkscript  on a colon delimited file sample.txt. awk script is stored   
in a  file called awkscript, what would be the command?

*Single Choice - Select one correct answer from the options list.*

awk sample.txt

awk -fawkscript -F:  sample.txt

awk -Fawkscript -f: sample.txt

awk commands needs to be given interactively

**Q41**

Pipe files are available in?

*Single Choice - Select one correct answer from the options list.*

/etc directory

/bin directory

/dev directory

/home directory

**Q42**

What is the output of following shell script?  
  
Hello()  
{   
 echo "$\*"  
}  
Hello "Function called"

*Single Choice - Select one correct answer from the options list.*

Function

$\*

Function called

Error in calling statement.

**Q43**

What will the following command do?  
  
cp a.txt b.txt

*Single Choice - Select one correct answer from the options list.*

if b.txt exists it will not create a copy but if it does not exist it will create a copy of a.txt to b.txt

if b.txt exists it will overwrite it with the contents of a.txt and if it does not exist it will create a copy of a.txt to b.txt

Copy a.txt to b.txt only if a.txt is a  newer version than b.txt

None of the above

**Q44**

What does the following command do in a VI editor?  
  
5dw

*Single Choice - Select one correct answer from the options list.*

Will delete 5 lines

Will delete 5 characters

Will delete 5 words

None of the above

**Q45**

What does command "kill -9" do?

*Single Choice - Select one correct answer from the options list.*

Invokes the signal handler of the program & terminates the process.

Exits from the shell in which the process is running.

Terminates the process forcefully.

None of the above.

**Q46**

Which variable in awk is used to indicate separation of records?

*Single Choice - Select one correct answer from the options list.*

FS

OFS

RS

NF

**Q47**

Which of the given will match match a single character of any value, except end of line?

*Single Choice - Select one correct answer from the options list.*

\*(Asterisk)

.(period)

+

-

**Q48**

Two processes having same parent process have \_\_\_\_\_\_\_\_ process ids.

*Single Choice - Select one correct answer from the options list.*

Same

Different

Depends on process type

None of the above

**Q49**

What is the output of following command?  
  
Sed '3q' emp

*Single Choice - Select one correct answer from the options list.*

Prints first three lines from emp

Prints third line onwards from emp

Prints only third line

Error

**Q50**

Which of the given command executes at the background even if user logs out?

*Single Choice - Select one correct answer from the options list.*

job cannot be run on background if user logs out.

 sort empdb &

nohup sort empdb

nohup sort empdb &

**Q51**

chmod 451 filename gives \_\_\_\_\_\_\_\_ permissions to the group?

*Single Choice - Select one correct answer from the options list.*

Read

Write

Read + Write

Read + Execute

**Q52**

Which awk variable is used to find out the number of columns in a text file?

*Single Choice - Select one correct answer from the options list.*

COLCOUNT

NR

NF

COLS

**Q53**

Which is the right way to access all elements of an array in shell script?

*Multiple Choice - This may have multiple correct answers. Select required answer(s) from the options list.*

${array\_name[$]}

${array\_name[\*]}

${array\_name[@]}

${array\_name}

**Q54**

Identify the sequence of events that happen in Process creation in Unix.

*Single Choice - Select one correct answer from the options list.*

fork, exec, wait

exec, fork, wait

fork, wait, exec

vfork, wait

**Q55**

What is the output of the following code? (note backquotes around the ls . . . done command)  
  
echo `ls | more |  
while read file  
do  
  ls $file  
done  
`

*Single Choice - Select one correct answer from the options list.*

Code is illegal

Displays name of all the files (excluding hidden files) in your current directory

Displays name of all the files (including hidden files) in your current directory

Displays name of all the files (excluding hidden files) in your home directory

Displays name of all the files (including hidden files) in your home directory

**Q56**

If $?  Returns non zero value, it means?

*Single Choice - Select one correct answer from the options list.*

Successful execution of command

Unsuccessful execution of command

Command halted

Parent process of the command has terminated abnormally

**Q57**

What is the full form of QMS?

*Single Choice - Select one correct answer from the options list.*

Quality Management System

Quality Manual System

Quality Monitoring System

None of the above

**Q58**

Non-fulfillment of user's expectations is called as?

*Single Choice - Select one correct answer from the options list.*

Issue

Defect

Product

Risk

**Q59**

Why does the following statement in the declaration section fail?  
salary\_increase CONSTANT NUMBER;

*Single Choice - Select one correct answer from the options list.*

Assignment operation is not permitted in the declaration section

The size/width for the salary\_increase variable is not defined

CONSTANT keyword is not a valid keyword supported by PL/SQL

An CONSTANT variable should be assigned a value during declaration

**Q60**

If you need to get the below output, which pl/sql block would be the right option?  
  
Output:  
Starting main\_loop 1...  
Inner loop 1.1  
Inner loop 1.2  
Inner loop 1.3  
Starting main\_loop 2...  
Starting main\_loop 3...  
Inner loop 3.1  
Inner loop 3.2  
Inner loop 3.3  
Starting main\_loop 4...  
Starting main\_loop 5...  
Inner loop 5.1  
Inner loop 5.2  
Inner loop 5.3

*Single Choice - Select one correct answer from the options list.*

BEGIN  
       <<main\_loop>>  
       FOR i IN 1 .. 5 LOOP    
          DBMS\_OUTPUT.PUT\_LINE('Starting main\_loop ' || i || '...');    
          <<inner\_loop>>  
          FOR ii IN 1 .. 5 LOOP    
            CONTINUE main\_loop WHEN i IN (1,2,3);   
            CONTINUE inner\_loop WHEN ii NOT IN (2,4);   
            DBMS\_OUTPUT.PUT\_LINE('   Inner loop ' || i || '.' || ii);   
         END LOOP;   
      END LOOP;  
   END;  
   /

BEGIN  
       <<main\_loop>>  
       FOR i IN 1 .. 5 LOOP    
          DBMS\_OUTPUT.PUT\_LINE('Starting main\_loop ' || i || '...');    
          <<inner\_loop>>  
          FOR ii IN 1 .. 5 LOOP    
            CONTINUE main\_loop WHEN i IN (2,4);   
            CONTINUE inner\_loop WHEN ii NOT IN (1,2,3);   
            DBMS\_OUTPUT.PUT\_LINE('   Inner loop ' || i || '.' || ii);   
         END LOOP;   
      END LOOP;  
   END;  
   /

BEGIN  
       <<main\_loop>>  
       FOR i IN 1 .. 5 LOOP    
          DBMS\_OUTPUT.PUT\_LINE('Starting main\_loop ' || i || '...');    
          <<inner\_loop>>  
          FOR ii IN 1 .. 5 LOOP    
            CONTINUE main\_loop WHEN i IN (1,2,3);   
            DBMS\_OUTPUT.PUT\_LINE('   Inner loop ' || i || '.' || ii);   
         END LOOP;   
      END LOOP;  
   END;  
   /

None of the above

**Q61**

Which of the following can be used as an argument for a procedure's actual parameter if formal parameter is OUT parameter?

*Single Choice - Select one correct answer from the options list.*

The name of Variable

A literal Value

An Expression

All of the above

**Q62**

Refer to the given structure of table EMP:  
  
Name                                      Null?               Type  
----------------------------------------- -------- -------------  
  
EMPNO                                     NOT NULL     NUMBER(4)  
ENAME                                                         VARCHAR2(10)  
JOB                                                              VARCHAR2(9)  
MGR                                                             NUMBER(4)  
HIREDATE                                                     DATE  
SAL                                                              NUMBER(7,2)  
COMM                                                          NUMBER(7,2)  
DEPTNO                                                       NUMBER(2)  
  
Evaluate the given code:   
Assume Emp table script has been executed and contains all the sample records  
  
DECLARE  
   v\_empno NUMBER (4);  
   v\_ename VARCHAR2 (20);  
BEGIN  
  SELECT empno, ename, sal INTO v\_empno, v\_ename  
  FROM emp  
  WHERE empno = 100;  
END;  
/

*Single Choice - Select one correct answer from the options list.*

As employee with Empno 100 is not present in EMP table, code will throw an error:  
ORA-01403: no data found

As no explicit Cursor is used, code will throw an error:  
ORA-01422: exact fetch returns more than requested number of rows

The given code will throw an error:  
PL/SQL: ORA-00947: not enough values

There is no error in the given code.

**Q63**

Evaluate the given code :                                                                                                          DECLARE                                                                   TYPE  NameList IS TABLE OF              emp.ename%TYPE ;                                       names NameList ;                                                  salary emp.sal%TYPE;                                           BEGIN                                                                  SELECT ename,sal BULK COLLECT                 INTO names,salary from EMP;                                END;                                                                     /

*Single Choice - Select one correct answer from the options list.*

The code will display both names and salary of emp table

The code will display only the names of emp table

The code will display salary of emp table

The code will give an error as the salary is not a collection

**Q64**

Subprograms available in which package will be used by developers for reading data from operating system files that are accessible from the server on which your database is running.

*Single Choice - Select one correct answer from the options list.*

DBMS\_OUTPUT

UTIL\_FILE

UTL\_FILE

DBMS\_LOB

**Q65**

\_\_\_\_\_\_\_\_\_\_ cursor attribute returns true if the last fetch has failed to return a row.

*Single Choice - Select one correct answer from the options list.*

%FOUND

%ISOPEN

%ISFOUND

%NOTFOUND

**Q66**

Given here is a PL/SQL block that calculates and displays Annual Salary of Employees.   
It calculates and displays Annual Commission also if the employee is a Sales Representative.   
  
DECLARE  
       Emp\_Rec EMP%ROWTYPE;  
       Ann\_Sal NUMBER(10):=0;                     
       Ann\_Comm NUMBER(6):=0;  
       CURSOR Emp\_Cur IS SELECT \* FROM EMP;    
     BEGIN  
       OPEN Emp\_Cur;  
       LOOP  
          ....  
          ....  
          ....  
       END LOOP;  
 CLOSE Emp\_Cur;  
 END;  
/  
  
Identify the correct option which can be replaced with blanks in the given code towards the requirements.

*Single Choice - Select one correct answer from the options list.*

FETCH Emp\_Cur INTO Emp\_Rec;  
EXIT WHEN Emp\_Cur%NOTFOUND;  
DBMS\_OUTPUT.PUT\_LINE('EMP NAME:'||' '||Emp\_Rec.ENAME||' '||Emp\_Rec.JOB||' '||'ANNUAL SALARY:'||' '||(12\*Emp\_Rec.SAL));  
IF(Emp\_Rec.JOB='salesman') THEN    
     DBMS\_OUTPUT.PUT\_LINE('ANNUAL SALES\_COMMISSION IS : '||(12\*Emp\_Rec.COMM));  
END IF;

Ann\_Sal:=(Emp\_Cur.SAL\*12);                      
IF(Emp\_Cur.JOB='salesman') THEN  
    Ann\_Comm:=Emp\_Cur.SAL+(Emp\_Cur.SAL\*0.50);           
END IF;  
    DBMS\_OUTPUT.PUT\_LINE('THE ANNUAL SALARY OF EMPLOYEE HAVING EMPLOYEE ID='||Emp\_Cur.EMPNO||' IS '||Ann\_Sal|| ' AND COMMISON= '||Ann\_Comm);

Code present in the question is not sufficient to fulfill the requirement as its anonymous PL/SQL Block.   
     We must code either function or procedure as shown below separately to implement this requirement.  
  
     CREATE OR REPLACE FUNCTION Calc\_Salary(nEmpno IN NUMBER) RETURN NUMBER AS  
       nSal NUMBER;  
       nDeptno NUMBER;  
       nAnnual\_Sal NUMBER;  
       nCommision NUMBER;  
     BEGIN  
       SELECT SALARY,DEPTNO INTO nSal,nDeptno FROM EMP NATURAL JOIN DEPT WHERE EMPNO=nEmpno;  
       IF nSal IS NULL THEN  
         nSal:=-1;  
       END IF;  
       nAnnual\_Sal =12\* nSal;  
       IF nDeptno =30 THEN  
         nCommision =Calc\_Commission(nDeptno);  
         nAnnual\_Sal = nAnnual\_Sal + nCommision;  
         RETURN nAnnual\_Sal;  
     END Calc\_Salary;       

FETCH Emp\_Cur INTO Emp\_Rec;  
DBMS\_OUTPUT.PUT\_LINE('EMP NAME:'||' '||Emp\_Rec.ENAME||' '||Emp\_Rec.JOB||' '||'ANNUAL SALARY:'||' '||(12\*Emp\_Rec.SAL));  
IF(Emp\_Rec.JOB='salesman') THEN    
     DBMS\_OUTPUT.PUT\_LINE('ANNUAL SALES\_COMMISSION IS : '||(12\*Emp\_Rec.COMM));  
END IF;

**Q67**

Which of the following  statement is false about PL/SQL stored procedure?

*Single Choice - Select one correct answer from the options list.*

The datatype of a formal parameter can be an unconstrained type name, such as NUMBER or VARCHAR2

The datatype of a formal parameter can be a  type that is constrained using the %TYPE or %ROWTYPE attributes

Numerically constrained types such as NUMBER(2) or VARCHAR2(20)  are  allowed in a parameter list

The mode of each of the parameters need not be specified

**Q68**

Consider the table Temp\_tab exists with one column named as Num\_Col. Examine the below code:  
  
DECLARE  
      Ctr NUMBER := 3;  
BEGIN  
FOR Ctr IN REVERSE 4..6 LOOP         
       INSERT INTO Temp\_Tab(Num\_Col) VALUES (Ctr);  
END LOOP;  
INSERT INTO Temp\_Tab(Num\_Col) VALUES (Ctr);  
END;  
 /  
  
The Values that will be inserted (in the order as per code above) in the table Temp\_tab are?

*Single Choice - Select one correct answer from the options list.*

6,5,4,3

3,4,5,6

4,5,6,3

3,6,5,4

**Q69**

 CREATE OR REPLACE PACKAGE  PACK1 AS  
      PROCEDURE PROC1;  
      PROCEDURE PROC2;     
      FUNCTION FUN1 RETURN VARCHAR2;  
 END;  
  
 CREATE OR REPLACE PACKAGE BODY PACK1 AS  
      PROCEDURE PROC1 IS  
      BEGIN  
         DBMS\_OUTPUT.PUT\_LINE('Hi a message from procedure1');  
      END PROC1;  
      FUNCTION FUN1 RETURN VARCHAR2 IS  
      BEGIN  
         RETURN ('HELLO FROM FUN1');  
      END FUN1;  
 END PACK1;  
  
Identify the correct statement related to the above code.

*Single Choice - Select one correct answer from the options list.*

Package and Package Body created successfully.

Package created successfully and Package body created with compilation errors.  
Error: subprogram or cursor 'PROC2' is declared in a package specification and must be defined in the package body

EXEC PACK1.PROC1 will execute successfully.   
SQL> EXEC PACK1.PROC1;  
Hi a message from procedure1  
PL/SQL procedure successfully completed.

Both Package and Package Body created with compilation errors 

**Q70**

Number(1,3) will not allow the value \_\_\_\_\_\_\_\_\_\_.

*Single Choice - Select one correct answer from the options list.*

0.001

0.01

0.002

0.003

**Q71**

Given a piece of code, what will be the output?  
  
DECLARE  
    A char(2):='A1';  
BEGIN  
    DECLARE  
       B char(2):='A2';  
    BEGIN  
         NULL;  
    END;  
     dbms\_output.put\_line(B);  
END;

*Single Choice - Select one correct answer from the options list.*

Code works and prints A2

Code gives compilation error, multiple Declaration statement

Code gives a compilation error, as we cant have NULL in BEGIN..END blocks

Compilation error, as B is not accessible in the print statement

**Q72**

Consider the following code.    
  
Which of the given options is most appropriate syntax to execute the code?  
  
CREATE or REPLACE PACKAGE pkg1  
 IS | AS  
 PROCEDURE pro1  
  (no in number, name out varchar2);  
 FUNCTION fun1  
  (no in number)  
  RETURN varchar2;  
 END;       
/  
  
CREATE or REPLACE PACKAGE BODY pkg1  
IS  
 PROCEDURE pro1(no in number,info our varchar2)  
  IS  
  BEGIN  
   SELECT \* INTO temp FROM emp1 WHERE eno = no;  
  END;  
   
 FUNCTION fun1(no in number) return varchar2  
  IS  
  name varchar2(20);  
  BEGIN  
   SELECT ename INTO name FROM emp1 WHERE eno = no;  
   RETURN name;  
  END;  
END;  
/

*Multiple Choice - This may have multiple correct answers. Select required answer(s) from the options list.*

EXEC Pkg1.Pro1(7900,'SMITH");

EXEC pkg1.fun1(7900);

SELECT pkg1.fun1 FROM dual;

SELECT fun1 FROM pkg1;

**Q73**

See the below code snippet:  
  
CREATE OR REPLACE TRIGGER emp\_probation  
  BEFORE DELETE ON emp  
   FOR EACH ROW  
   BEGIN  
 IF (Sysdate - :old.hiredate) < 30 THEN  
RAISE\_APPLICATION\_ERROR(20103,'Emploee' || :old.ename || 'Probation');  
 END IF;  
END;  
/  
  
Identify the correct exception type that is handled in the code.    
(Refer to default EMP table structure.)

*Single Choice - Select one correct answer from the options list.*

PRAGMA Exception

User Defined Exception

Compile Time Exception

Predefined Exception

**Q74**

What is true about SELECT FOR UPDATE statement with respect to  read only tables?  
Choose all that apply?

*Single Choice - Select one correct answer from the options list.*

We can do SELECT FOR UPDATE for read only tables with NO WAIT OPTION

We cannot do SELECT FOR UPDATE for read only tables

It is possible to do SELECT FOR UPDATE for read only tables

None of the above

**Q75**

Consider the following trigger code:  
  
CREATE OR REPLACE TRIGGER emp\_Trig AFTER UPDATE ON emp FOR EACH ROW  
BEGIN  
  dbms\_output.put\_line('trigger fires');  
END;  
/  
Following is the DML Statement to activate the trigger  
UPDATE emp SET sal = sal+sal\*.15 WHERE deptno=10;  
  
Assume there are 13 employees in the Emp table and 3 of them are in deptno 10.   
How many times does this trigger fire?

*Single Choice - Select one correct answer from the options list.*

The trigger fires only once

The trigger fires 3 times

The trigger fires 13 times

There is a syntax error in the trigger code

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