Oracle

Exam Questions 1Z0-071

Oracle Database 12c SQL

NEW QUESTION 1
In which normal form is a table, if it has no multi-valued attributes and no partial dependencies?

A. second normal form
B. first normal form
C. third normal form
D. fourth normal form

Answer: A

Explanation:
 References:
https://blog.udemy.com/database-normal-forms/

NEW QUESTION 2
You issue this command which succeeds: SQL> DROP TABLE products;
Which three statements are true?

A. All existing views and synonyms that refer to the table are invalidated but retained.
B. Any uncommitted transaction in the session is committed.
C. Table data and the table structure are deleted.
D. All the table's indexes if any exist, are invalidated but retained.
E. Table data is deleted but the table structure is retained.

Answer: BCD

NEW QUESTION 3
You are designing the structure of a table in which two columns have the specifications:
COMPONENT_ID – must be able to contain a maximum of 12 alphanumeric characters and uniquely identify the row
EXECUTION_DATETIME – contains Century, Year, Month, Day, Hour, Minute, Second to the maximum precision and is used for calculations and comparisons between components.
Which two options define the data types that satisfy these requirements most efficiently?

A. The EXECUTION_DATETIME must be of INTERVAL DAY TO SECOND data type.
B. The EXECUTION_DATETIME must be of TIMESTAMP data type.
C. The EXECUTION_DATETIME must be of DATE data type.
D. The COMPONENT_ID must be of ROWID data type.
E. The COMPONENT_ID must be of VARCHAR2 data type.
F. The COMPONENT_ID column must be of CHAR data type.

Answer: CF

NEW QUESTION 4
View the Exhibit and examine the structure of the EMPLOYEES and JOB_HISTORY tables. (Choose all that apply.)
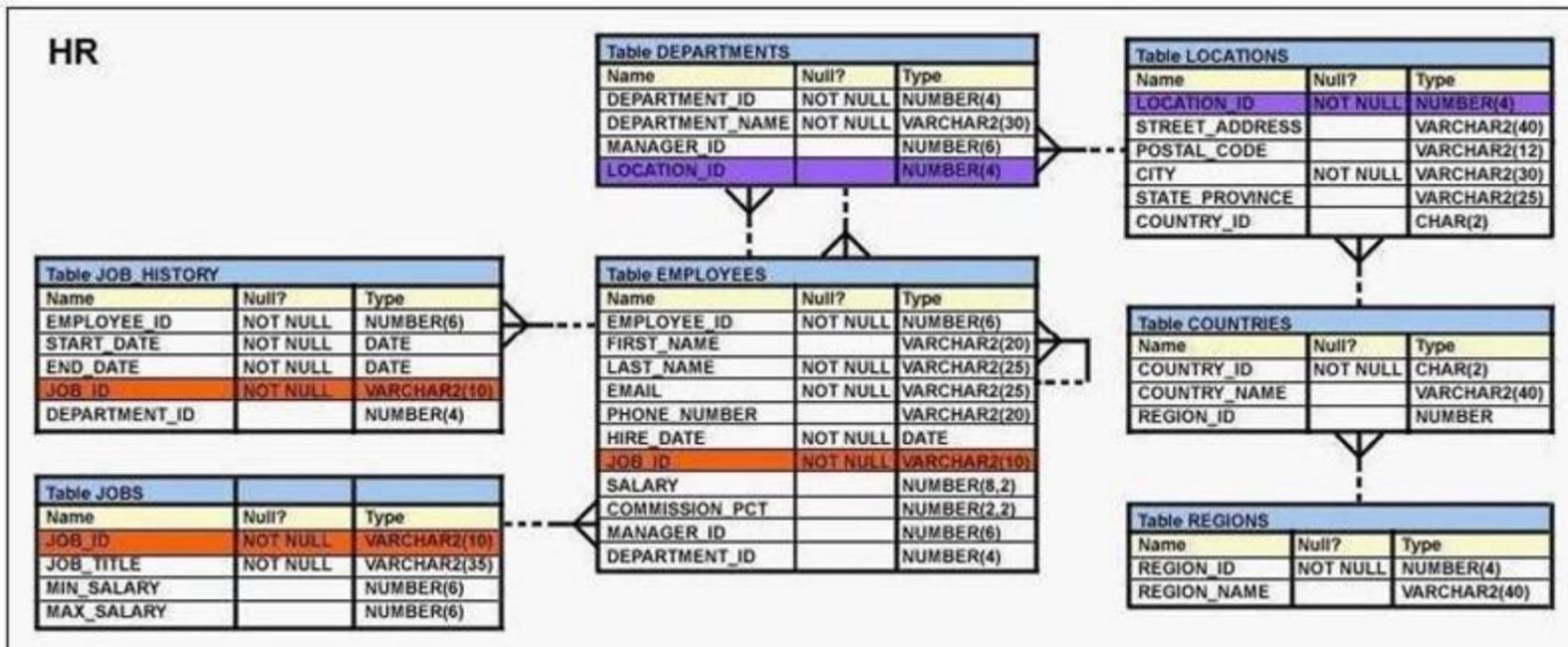
Examine this query which must select the employee IDs of all the employees who have held the job SA_MAN at any time during their employment.
SELECT EMPLOYEE_ID FROM EMPLOYEES WHERE JOB_ID = 'SA_MAN'
------------------------------------ SELECT EMPLOYEE_ID FROM JOB_HISTORY WHERE JOB_ID = 'SA_MAN';
Choose two correct SET operators which would cause the query to return the desired result.

A. UNION
B. MINUS
C. INTERSECT
D. UNION ALL

Answer: AD

NEW QUESTION 5
Which task can be performed by using a single Data Manipulation Language (DML) statement?

A. Removing all data only from a single column on which a primary key constraint is defined.
B. Removing all data from a single column on which a unique constraint is defined.
C. Adding a column with a default value while inserting a row into a table.
D. Adding a column constraint while inserting a row into a table.

Answer: A

NEW QUESTION 6
View the exhibit and examine the structure of the CUSTOMERS table.

Which two tasks would require subqueries or joins to be executed in a single statement?

A. finding the number of customers, in each city, whose credit limit is more than the average credit limit of all the customers
B. finding the average credit limit of male customers residing in 'Tokyo' or 'Sydney'
C. listing of customers who do not have a credit limit and were born before 1980
D. finding the number of customers, in each city, who's marital status is 'married'.
E. listing of those customers, whose credit limit is the same as the credit limit of customers residing in the city 'Tokyo'.

Answer: AE

NEW QUESTION 7
Which two statements are true regarding constraints?

A. A foreign key column cannot contain null values.
B. A column with the UNIQUE constraint can contain null values.
C. A constraint is enforced only for INSERT operation on the table.
D. A constraint can be disabled even if the constraint column contains data.
E. All constraints can be defined at the column level and at the table level.

Answer: BD

NEW QUESTION 8
View the Exhibit and examine the structure of ORDERS and ORDER_ITEMS tables.
ORDER_ID is the primary key in the ORDERS table. It is also the foreign key in the ORDER_ITEMS table wherein it is created with the ON DELETE CASCADE option.
Which DELETE statement would execute successfully?
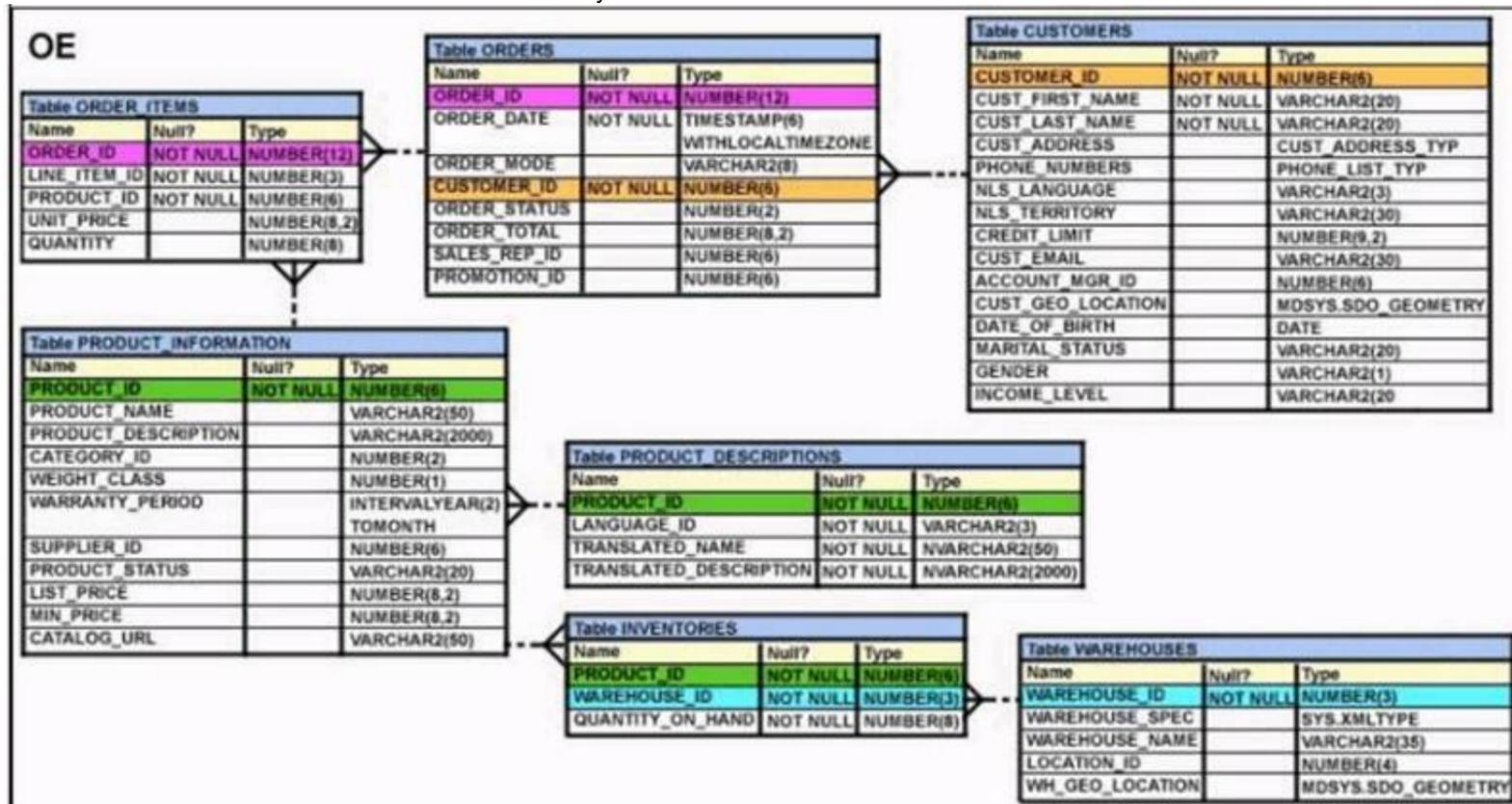
A. DELETE orders o, order_items IWHERE o.order_id = i.order_id;
B. DELETEFROM ordersWHERE (SELECT order_idFROM order_items);
C. DELETE ordersWHERE order_total < 1000;
D. DELETE order_idFROM ordersWHERE order_total < 1000;

Answer: B

NEW QUESTION 9
The BOOKS_TRANSACTIONS table exists in your schema in this database.
You execute this SQL statement when connected to your schema in your database instance. SQL> SELECT * FROM books_transactions ORDER BY 3;
What is the result?

A. The execution fails unless the numeral 3 in the ORDER BY clause is replaced by a column name.
B. All table rows are displayed sorted in ascending order of the values in the third column.
C. The first three rows in the table are displayed in the order that they are stored.
D. Only the three rows with the lowest values in the key column are displayed in the order that they are stored.

Answer: B

NEW QUESTION 10
View the exhibit and examine the structure of the PROMOTIONS table.

Table PROMOTIONS		
Name	**Null?**	**Type**
PROMO_ID	NOT NULL	NUMBER(6)
PROMO_NAME	NOT NULL	VARCHAR2(30)
PROMO_SUBCATEGORY	NOT NULL	VARCHAR2(30)
PROMO_SUBCATEGORY_ID	NOT NULL	NUMBER
PROMO_CATEGORY	NOT NULL	VARCHAR2(30)
PROMO_CATEGORY_ID	NOT NULL	NUMBER
PROMO_COST	NOT NULL	NUMBER(10,2)
PROMO_BEGIN_DATE	NOT NULL	DATE
PROMO_END_DATE	NOT NULL	DATE

You have to generate a report that displays the promo name and start date for all promos that started after the last promo in the 'INTERNET' category.
Which query would give you the required output?

A. SELECT promo_name, promo_begin_date FROM promotionsWHERE promo_begin_date> ALL (SELECT MAX (promo_begin_date)FROM promotions) ANDpromo_category= 'INTERNET';
B. SELECT promo_name, promo_begin_date FROM promotionsWHERE promo_begin_date IN (SELECT promo_begin_dateFROM promotionsWHERE promo_category= 'INTERNET');
C. SELECT promo_name, promo_begin_date FROM promotionsWHERE promo_begin_date > ALL (SELECT promo_begin_dateFROM promotionsWHERE promo_category = 'INTERNET');
D. SELECT promo_name, promo_begin_date FROM promotionsWHERE promo_begin_date> ANY (SELECT promo_begin_dateFROM promotionsWHERE promo_category= 'INTERNET');

Answer: C

NEW QUESTION 10
View the exhibit for the structure of the STUDENT and FACULTY tables. STUDENT
NameNull?Type
-- STUDENT_IDNOT NULLNUMBER(2) STUDENT_NAMEVARCHAR2(20) FACULTY_IDVARCHAR2(2)
LOCATION_IDNUMBER(2) FACULTY
NameNull?Type
-- FACULTY_IDNOT NULLNUMBER(2) FACULTY_NAMEVARCHAR2(20) LOCATION_IDNUMBER(2)
You need to display the faculty name followed by the number of students handled by the faculty at the base location.
Examine the following two SQL statements: Statement 1
SQL>SELECT faculty_name, COUNT(student_id) FROM student JOIN faculty
USING (faculty_id, location_id) GROUP BY faculty_name; Statement 2
SQL>SELECT faculty_name, COUNT(student_id)
FROM student NATURAL JOIN faculty GROUP BY faculty_name;
Which statement is true regarding the outcome?

A. Only statement 2 executes successfully and gives the required result.
B. Only statement 1 executes successfully and gives the required result.
C. Both statements 1 and 2 execute successfully and give different results.
D. Both statements 1 and 2 execute successfully and give the same required result.

Answer: B

NEW QUESTION 13
Which two tasks can be performed by using Oracle SQL statements?

A. changing the password for an existing database user
B. connecting to a database instance
C. querying data from tables across databases

D. starting up a database instance
E. executing operating system (OS) commands in a session

Answer: AC

Explanation:
 References:
http://www.techonthenet.com/oracle/password.php
https://docs.oracle.com/cd/B28359_01/server.111/b28324/tdpii_distdbs.htm

NEW QUESTION 14
View the Exhibit and examine the structure of the ORDERS table.
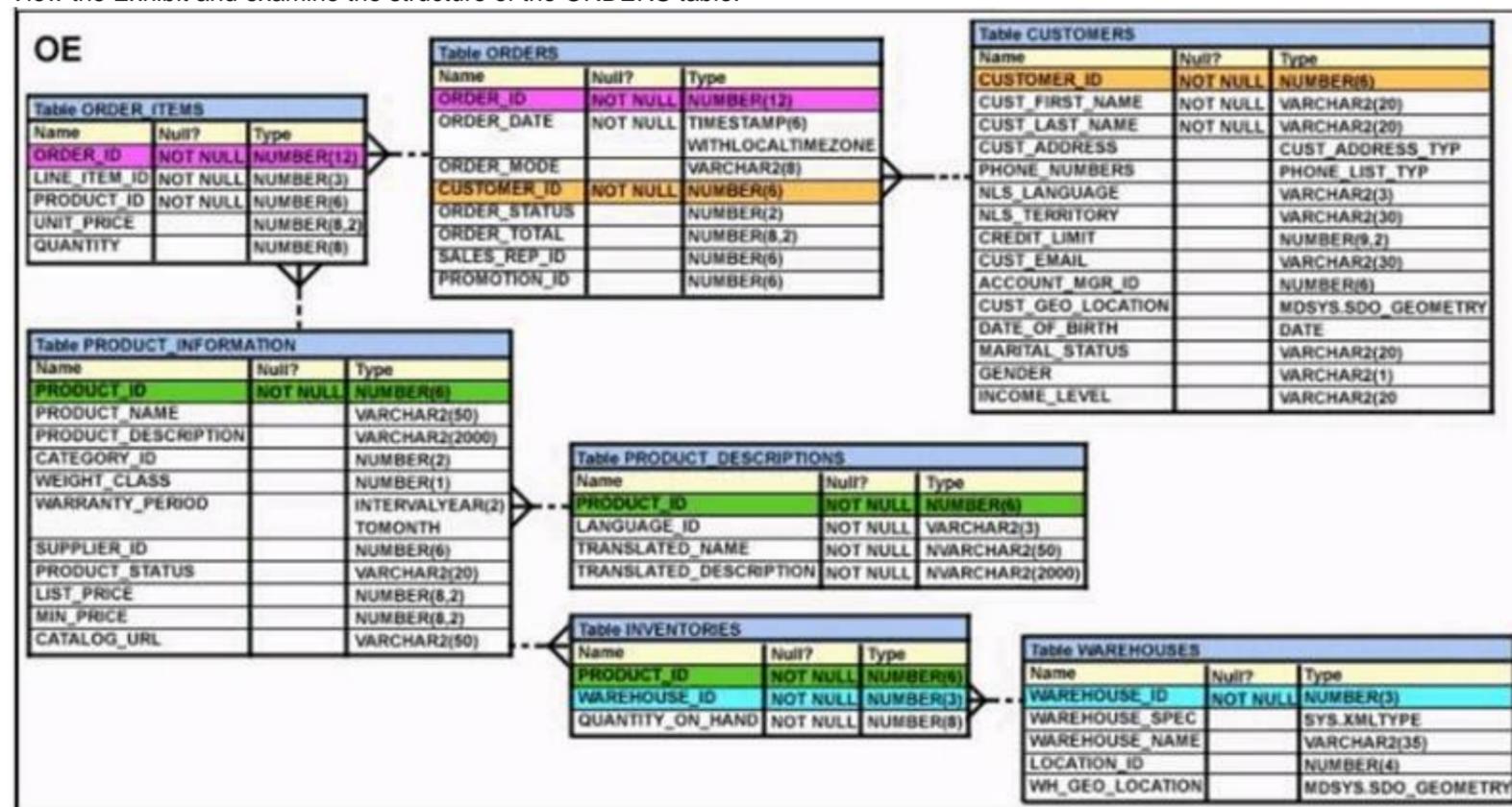
Which UPDATE statement is valid?

A. UPDATE ordersSET order_date = '12-mar-2007',order_total IS NULLWHERE order_id = 2455;
B. UPDATE ordersSET order_date = '12-mar-2007',AND order_total = TO_NUMBER(NULL)WHERE order_id = 2455;
C. UPDATE ordersSET order_date = '12-mar-2007',order_total = NULLWHERE order_id = 2455;
D. UPDATE ordersSET order_date = TO_DATE('12-mar-2007','dd-mon-yyyy'),SET order_total = TO_NUMBER (NULL)WHERE order_id = 2455;

Answer: C

NEW QUESTION 19
Examine the create table statements for the stores and sales tables.
SQL> CREATE TABLE stores(store_id NUMBER(4) CONSTRAINT store_id_pk PRIMARY KEY, store_name VARCHAR2(12), store_address VARCHAR2(20),
start_date DATE);
SQL> CREATE TABLE sales(sales_id NUMBER(4) CONSTRAINT sales_id_pk PRIMARY KEY, item_id NUMBER(4), quantity NUMBER(10), sales_date DATE,
store_id NUMBER(4), CONSTRAINT store_id_fk FOREIGN KEY(store_id) REFERENCES stores(store_id));
You executed the following statement: SQL> DELETE from stores
WHERE store_id=900;
The statement fails due to the integrity constraint error:
ORA-02292: integrity constraint (HR.STORE_ID_FK) violated
Which three options ensure that the statement will execute successfully?

A. Disable the primary key in the STORES table.
B. Use CASCADE keyword with DELETE statement.
C. DELETE the rows with STORE_ID = 900 from the SALES table and then delete rows from STORES table.
D. Disable the FOREIGN KEY in SALES table and then delete the rows.
E. Create the foreign key in the SALES table on SALES_ID column with on DELETE CASCADE option.

Answer: CDE

NEW QUESTION 21
View the Exhibit and examine the structure in the DEPARTMENTS tables. (Choose two.)
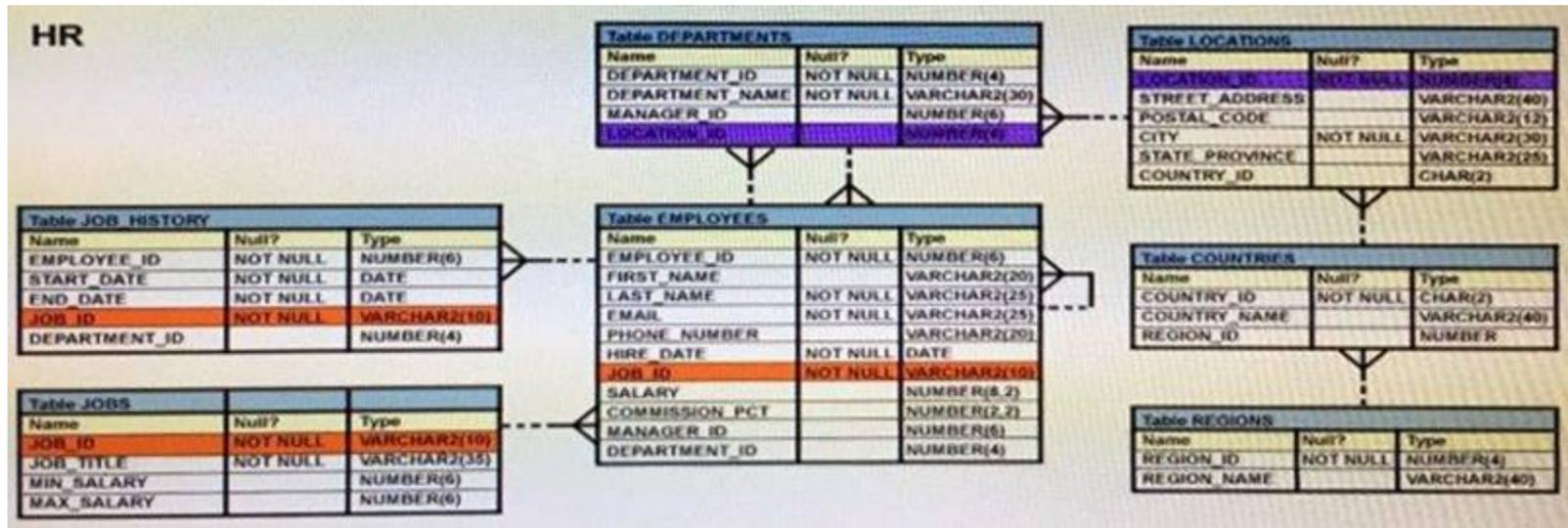
Examine this SQL statement:
SELECT department_id "DEPT_ID", department_name, 'b' FROM departments
WHERE departments_id=90 UNION
SELECT department_id, department_name DEPT_NAME, 'a' FROM departments
WHERE department_id=10
Which two ORDER BY clauses can be used to sort output?

A. ORDER BY DEPT_NAME;
B. ORDER BY DEPT_ID;
C. ORDER BY 'b';
D. ORDER BY 3;

Answer: BD

NEW QUESTION 23
On your Oracle 12c database, you invoked SQL *Loader to load data into the EMPLOYEES table in the HR schema by issuing the following command:
$> sqlldr hr/hr@pdb table=employees
Which two statements are true regarding the command?

A. It succeeds with default settings if the EMPLOYEES table belonging to HR is already defined in the database.
B. It fails because no SQL *Loader data file location is specified.
C. It fails if the HR user does not have the CREATE ANY DIRECTORY privilege.
D. It fails because no SQL *Loader control file location is specified.

Answer: AC

NEW QUESTION 26
Which two statements are true regarding savepoints? (Choose two.)

A. Savepoints may be used to ROLLBACK.
B. Savepoints can be used for only DML statements.
C. Savepoints are effective only for COMMIT.
D. Savepoints are effective for both COMMIT and ROLLBACK.
E. Savepoints can be used for both DML and DDL statements.

Answer: AB

NEW QUESTION 31
Examine the structure of the EMPLOYEES table. NameNull?Type
---------------------- ------------ EMPLOYEE_IDNOT NULLNUMBER(6) FIRST_NAMEVARCHAR2(20) LAST_NAMENOT NULLVARCHAR2(25) EMAILNOT
NULLVARCHAR2(25) PHONE NUMBERVARCHAR2(20) HIRE_DATENOT NULLDATE JOB_IDNOT NULLVARCHAR2(10) SALARYNUMBER(8,2)
COMMISSION_PCTNUMBER(2,2) MANAGER_IDNUMBER(6) DEPARTMENT_IDNUMBER(4)
There is a parent/child relationship between EMPLOYEE_ID and MANAGER_ID.
You want to display the last names and manager IDs of employees who work for the same manager as the employee whose EMPLOYEE_ID is 123.
Which query provides the correct output?

A. SELECT e.last_name, m.manager_idFROM employees e RIGHT OUTER JOIN employees mon (e.manager_id = m.employee_id)AND e.employee_id = 123;
B. SELECT e.last_name, m.manager_idFROM employees e RIGHT OUTER JOIN employees mon (e.employee_id = m.manager_id)WHERE e.employee_id = 123;
C. SELECT e.last_name, e.manager_idFROM employees e RIGHT OUTER JOIN employees mon (e.employee_id = m.employee_id)WHERE e.employee_id = 123;
D. SELECT m.last_name, e.manager_idFROM employees e LEFT OUTER JOIN employees mon (e.manager_id = m.manager_id)WHERE e.employee_id = 123;

Answer: B

NEW QUESTION 32
Which three SQL statements would display the value 1890.55 as $1,890.55? (Choose three.)

A. SELECT TO_CHAR (1890.55, '$99G999D00') FROM DUAL
B. SELECT TO_CHAR (1890.55, '$9,999V99') FROM DUAL;
C. SELECT TO_CHAR (1890.55, '$0G000D00') FROM DUAL;
D. SELECT TO_CHAR (1890.55, '$99,999D99') FROM DUAL;

E. SELECT TO_CHAR (1890.55, '$99G999D99') FROM DUAL

Answer: ACE

NEW QUESTION 33
View the Exhibit and examine, the description for the SALES and CHANNELS tables. (Choose the best answer.)
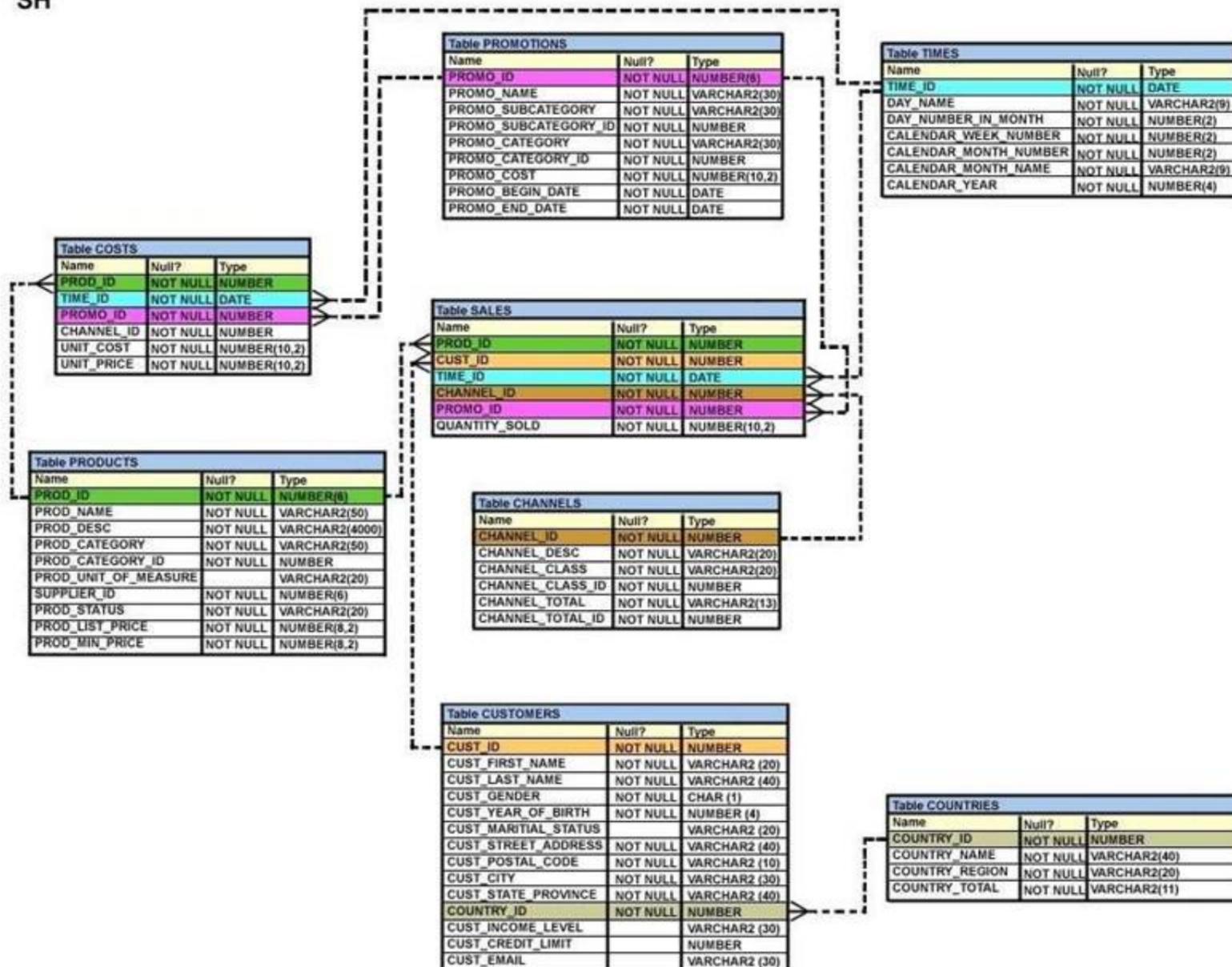
You issued this SQL statement:
INSERT INTO SALES VALUES (23, 2300, SYSDATE, (SELECT CAHNNEL_ID
FROM CHANNELS
WHERE CHANNEL_DESC='DIRECT SALES'), 12, 1, 500);
Which statement is true regarding the result?

A. The statement will fail because the sub-query in the VALUES clause is not enclosed within single quotation marks.
B. The statement will fail because a subquery cannot be used in a VALUES clause.
C. The statement will execute and a new row will be inserted in the SALES table.
D. The statement will fail because the VALUES clause is not required with the subquery.

Answer: C

NEW QUESTION 35
View the exhibit and examine the structure of the SALES, CUSTOMERS, PRODUCTS and TIMES tables.

SH
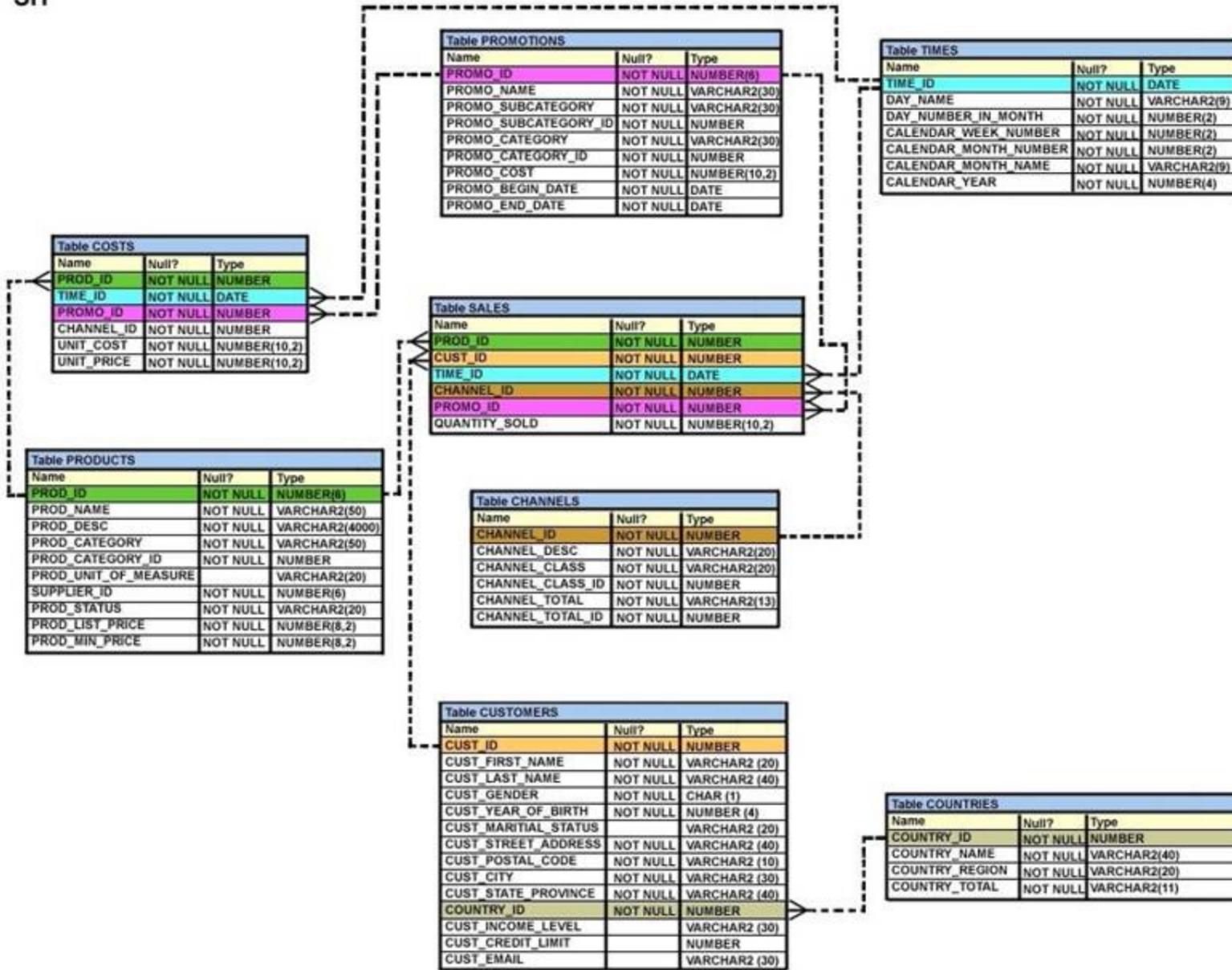
The PROD_ID column is the foreign key in the SALES table referencing the PRODUCTS table.
The CUST_ID and TIME_ID columns are also foreign keys in the SALES table referencing the CUSTOMERS and TIMES tables, respectively.
Examine this command:
CREATE TABLE new_sales (prod_id, cust_id, order_date DEFAULT SYSDATE)
AS
SELECT prod_id, cust_id, time_id FROM sales;
Which statement is true?

A. The NEW_SALES table would get created and all the FOREIGN KEY constraints defined on the selected columns from the SALES table would be created on the corresponding columns in the NEW_SALES table.
B. The NEW_SALES table would not get created because the column names in the CREATE TABLE command and the SELECT clause do not match.
C. The NEW_SALES table would not get created because the DEFAULT value cannot be specified in the column definition.
D. The NEW_SALES table would get created and all the NOT NULL constraints defined on the selected columns from the SALES table would be created on the corresponding columns in the NEW_SALES table.

Answer: D

NEW QUESTION 40
Which two statements are true regarding the EXISTS operator used in the correlated subqueries? (Choose two.)

A. The outer query stops evaluating the result set of the inner query when the first value is found.
B. It is used to test whether the values retrieved by the inner query exist in the result of the outer query.
C. It is used to test whether the values retrieved by the outer query exist in the result set of the inner query.
D. The outer query continues evaluating the result set of the inner query until all the values in the result set are processed.

Answer: AC

Explanation:
 References:
http://www.techonthenet.com/oracle/exists.php

NEW QUESTION 45
Which three tasks can be performed using SQL functions built into Oracle Database?

A. displaying a date in a nondefault format
B. finding the number of characters in an expression
C. substituting a character string in a text expression with a specified string
D. combining more than two columns or expressions into a single column in the output

Answer: ABC

NEW QUESTION 50
View the Exhibit and examine the structure of the PROMOTION table.

You have to generate a report that displays the promo named start data for all promos that started after that last promo in the 'INTTERNET' category.

A. Select promo_name, promo_being_date FROM promoptions WHERE promo_being_data > ANY (SELCT promo_being-date FROM promotionsWHERE promo_category = 'INTERNET'

B. SELECT promo_neme, promo_being_date FROM promotions WHERE promo_being_date > All (SELECT promo_beinjg-date FROM promotionsWHERE promo_category ='INTERNET');

C. SELECT promo-name, promo-being _date FROM promotionsWhere promo_being_data >ALL (SELECT MAX (promo_being-date) FROM promotions) ANDPromo-category ='INTERNET';

D. SELECT promo-name, promo-being_date FROM promotion WHERE promo-being-date IN (SELECT promo_biing_date FROM promotionsWHERE promo_category='INTYERNET');

Answer: B

NEW QUESTION 52
Examine the business rule:
Each student can work on multiple projects and each project can have multiple students.
You need to design an Entity Relationship Model (ERD) for optimal data storage and allow for generating reports in this format:
STUDENT_ID FIRST_NAME LAST_NAME PROJECT_ID PROJECT_NAME PROJECT_TASK
Which two statements are true in this scenario?

A. The ERD must have a 1:M relationship between the STUDENTS and PROJECTS entities.
B. The ERD must have a M:M relationship between the STUDENTS and PROJECTS entities that must be resolved into 1:M relationships.
C. STUDENT_ID must be the primary key in the STUDENTS entity and foreign key in the PROJECTS entity.
D. PROJECT_ID must be the primary key in the PROJECTS entity and foreign key in the STUDENTS entity.
E. An associative table must be created with a composite key of STUDENT_ID and PROJECT_ID, which is the foreign key linked to the STUDENTS and PROJECTS entities.

Answer: BE

Explanation:
References:
http://www.oracle.com/technetwork/issue-archive/2011/11-nov/o61sql-512018.html

NEW QUESTION 55
View the Exhibit and examine the data in the PRODUCTS table. (Choose the best answer.)

PRODUCTS

PROD_ID	PROD_NAME	PROD_CATEGORY	PROD_MIN_PRICE	PROD_UNIT_OF_MEASURE
101	Envoy 156MB-40GB	Hardware	6000	Nos.
102	Y Box	Electronics	9000	
103	DVD-R Disc, 4.7 GB	Software/Other	2000	Nos.
104	Documentation	Software/Other	4000	

You must display product names from the PRODUCTS table that belong to the 'Software/other' category with minimum prices as either $2000 or $4000 and with no unit of measure.
You issue this query:
SQL > SELECT prod_name, prod_category, prod_min_price FROM products
Where prod_category LIKE '%Other%' AND (prod_min_price = 2000 OR prod_min_price = 4000) AND prod_unit_of_measure <> ' ';
Which statement is true?

A. It executes successfully but returns no result.

B. It executes successfully and returns the required result.
C. It generates an error because the condition specified for PROD_UNIT_OF_MEASURE is not valid.
D. It generates an error because the condition specified for the PROD_CATEGORY column is not valid.

Answer: A

NEW QUESTION 58
You execute the following commands: SQL > DEFINE hiredate = '01-APR-2011'
SQL >SELECT employee_id, first_name, salary FROM employees
WHERE hire_date > '&hiredate' AND manager_id >&mgr_id;
For which substitution variables are you prompted for the input?

A. none, because no input required
B. both the substitution variables ''hiredate' and 'mgr_id'.
C. only hiredate'
D. only 'mgr_id'

Answer: D

NEW QUESTION 60
Which two statements are true regarding the SQL GROUP BY clause?

A. You can use a column alias in the GROUP BY clause.
B. Using the WHERE clause after the GROUP BY clause excludes rows after creating groups.
C. The GROUP BY clause is mandatory if you are using an aggregating function in the SELECT clause.
D. Using the WHERE clause before the GROUP BY clause excludes rows before creating groups.
E. If the SELECT clause has an aggregating function, then columns without an aggregating function in the SELECT clause should be included in the GROUP BY clause.

Answer: DE

NEW QUESTION 65
View the Exhibit and examine the structures of the employees and departments tables.

```
EMPLOYEES
Name                Null?         Type
------------------- ---------     --------------------

EMPLOYEE_ID         NOT NULL      NUMBER(6)
FIRST_NAME                        VARCHAR2(20)
LAST_NAME           NOT NULL      VARCHAR2(25)
HIRE_DATE           NOT NULL      DATE
JOB_ID              NOT NULL      VARCHAR2(10)
SALARY                            NUMBER(10,2)
COMMISSION                        NUMBER(6,2)
MANAGER_ID                        NUMBER(6)
DEPARTMENT_ID                     NUMBER(4)

DEPARTMENTS
Name                Null?         Type
------------------- ---------     --------------------

DEPARTMENT_ID       NOT NULL      NUMBER(4)
DEPARTMENT_NAME     NOT NULL      VARCHAR2(30)
MANAGER_ID                        NUMBER(6)
LOCATION_ID                       NUMBER(4)
```

You must update the employees table according to these requirements::
-Update only those employees who work in Boston or Seattle (locations 2900 and 2700).
-Set department_id for these employees to the department id corresponding to London (locationid 2100).
-Set the employees' salary in iocation_id 2100 to 1.1 times the average salary of their department.
-Set the employees' commission In location_id 2100 to 1.5 times the average commission of their department. You issue this command:

```
SQL> UPDATE employees
        SET department_id =
            (SELECT department_id
             FROM departments
             WHERE location_id = 2100),
        (salary, commission) =
            (SELECT 1.1*AVG(salary), 1.5*AVG(commission)
             FROM employees, departments
             WHERE departments.location_id IN(2900,2700,2100))
        WHERE department_id IN
            (SELECT department_id
             FROM departments
             WHERE location_id = 2900
             OR location_id = 2700);
```

What is the result?

A. It executes successfully but does not produce the desired update.
B. It executes successfully and produces the desired update.
C. It generates an error because multiple columns cannot be specified together in an UPDATE statement.
D. It generates an error because a subquery cannot have a join condition in an update statement.

Answer: A

NEW QUESTION 66
n the customers table, the CUST_CITY column contains the value 'Paris' for the CUST_FIRST_NAME 'Abigail'.
Evaluate the following query:

```
SQL> SELECT INITCAP(cust_first_name || ' '||
            UPPER(SUBSTR(cust_city,-LENGTH(cust_city),2)))
        FROM customers
        WHERE cust_first_name = 'Abigail';
```

What would be the outcome?

A. Abigail PA
B. Abigail Pa
C. Abigail IS
D. An error message

Answer: B

NEW QUESTION 71
When does a transaction complete? (Choose all that apply.)

A. When a PL/SQL anonymous block is executed
B. When a DELETE statement is executed
C. When a data definition language statement is executed
D. When a TRUNCATE statement is executed after the pending transaction
E. When a ROLLBACK command is executed

Answer: CDE

NEW QUESTION 75
View the exhibit and examine the descriptions of the DEPT and LOCATIONS tables.

DEPT			
Name	**Null?**		**Type**
DEPARTMENT_ID			NUMBER(4)
DEPARTMENT_NAME	NOT NULL		VARCHAR2(30)
MANAGER_ID			NUMBER(6)
LOCATION_ID			NUMBER(4)
CITY			VARCHAR2(30)

LOCATIONS			
Name	**Null?**		**Type**
LOCATION_ID	NOT NULL		NUMBER(4)
STREET_ADDRESS			VARCHAR2(40)
POSTAL_CODE			VARCHAR2(12)
CITY	NOT NULL		VARCHAR2(30)
STATE_PROVINCE			VARCHAR2(25)
COUNTRY_ID			CHAR(2)

You want to update the CITY column of the DEPT table for all the rows with the corresponding value in the CITY column of the LOCATIONS table for each department.

Which SQL statement would you execute to accomplish the task?

A. UPDATE dept dSET city = ALL (SELECT cityFROM locations lWHERE d.location_id = l.location_id);
B. UPDATE dept dSET city = (SELECT cityFROM locations l)WHERE d.location_id = l.location_id;
C. UPDATE dept dSET city = ANY (SELECT cityFROM locations l)
D. UPDATE dept dSET city = (SELECT cityFROM locations lWHERE d.location_id = l.location_id);

Answer: D

NEW QUESTION 80
Which statement is true regarding the default behavior of the ORDER BY clause?

A. In a character sort, the values are case-sensitive.
B. NULL values are not considered at all by the sort operation.
C. Only those columns that are specified in the SELECT list can be used in the ORDER BY clause.
D. Numeric values are displayed from the maximum to the minimum value if they have decimal positions.

Answer: A

NEW QUESTION 85
Which statements are correct regarding indexes? (Choose all that apply.)

A. A non-deferrable PRIMARY KEY or UNIQUE KEY constraint in a table automatically attempts to creates a unique index.
B. Indexes should be created on columns that are frequently referenced as part of any expression.
C. When a table is dropped, the corresponding indexes are automatically dropped.
D. For each DML operation performed, the corresponding indexes are automatically updated.

Answer: ACD

Explanation:
 References:
http://viralpatel.net/blogs/understanding-primary-keypk-constraint-in-oracle/

NEW QUESTION 89
The following are the steps for a correlated subquery, listed in random order:
 The WHERE clause of the outer query is evaluated.
 The candidate row is fetched from the table specified in the outer query.
 This is repeated for the subsequent rows of the table, till all the rows are processed.
 Rows are returned by the inner query, after being evaluated with the value from the candidate row in the outer query.
Which is the correct sequence in which the Oracle server evaluates a correlated subquery?

A. 2, 1, 4, 3
B. 4, 1, 2, 3
C. 4, 2, 1, 3
D. 2, 4, 1, 3

Answer: D

Explanation:
 References:
http://rajanimohanty.blogspot.co.uk/2014/01/correlated-subquery.html

NEW QUESTION 94
Which two statements best describe the benefits of using the WITH clause? (Choose two.)

A. It can improve the performance of a large query by storing the result of a query block having the WITH clause in the session's temporary tablespace.
B. It enables sessions to reuse the same query block in a SELECT statement, if it occurs more than once in a complex query.
C. It enables sessions to store a query block permanently in memory and use it to create complex queries.
D. It enables sessions to store the results of a query permanently.

Answer: AB

NEW QUESTION 99
You must create a table EMPLOYEES in which the values in the columns EMPLOYEES_ID and LOGIN_ID must be unique and not null. (Choose two.)
Which two SQL statements would create the required table?

A. CREATE TABLE employees(employee_id NUMBER,Login_id NUMBER,Employee_name VARCHAR2(100),Hire_date DATE,CONSTRAINT emp_id_ukUNIQUE (employee_id, login_id));
B. CREATE TABLE employees(employee_id NUMBER,login_id NUMBER,employee_name VARCHAR2(25),hire_date DATE,CONSTRAINT emp_id_pk PRIMARY KEY (employee_id, login_id));
C. CREATE TABLE employees(employee_id NUMBER CONSTRAINT emp_id_pk PRIMARY KEY, Login_id NUMBER UNIQUE, Employee_name VARCHAR2(25),Hire_date DATE);
D. CREATE TABLE employees(employee_id NUMBER,Login_id NUMBER,Employee_name VARCHAR2(100),Hire_date DATE,CONSTRAINT emp_id_uk UNIQUE (employee_id, login_id);CONSTRAINT emp_id_nn NOT NULL (employee_id, login_id));
E. CREATE TABLE employees(employee_id NUMBER CONSTRAINT emp_id_nn NOT NULL, Login_id NUMBER CONSTRAINT login_id_nn NOT NULL,Employee_name VARCHAR2(100),Hire_date DATE,CONSTRAINT emp_id_ukUNIQUE (employee_id, login_id));

Answer: BE

NEW QUESTION 104
Examine the structure of the BOOKS_TRANSACTIONS table:

```
Name                    Null?           Type
-------------------     ----------      --------------------
TRANSACTION_ID          NOT NULL        VARCHAR2 (6)
BORROWED_DATE                           DATE
DUE_DATE                                DATE
BOOK_ID                                 VARCHAR2 (6)
MEMBER_ID                               VARCHAR2 (6)
```

You want to display the member IDs, due date, and late fee as $2 for all transactions. Which SQL statement must you execute?

A. SELECT member_id AS "MEMBER ID", due_date AS "DUE DATE", $2 AS "LATE FEE" FROM BOOKS_TRANSACTIONS
B. SELECT member_id AS "MEMBER ID", due_date AS "DUE DATE", '$2' AS "LATE FEE" FROM BOOKS_TRANSACTIONS
C. SELECT member_id 'MEMBER ID', due_date 'DUE DATE', '$2 AS LATE FEE' FROM BOOKS_TRANSACTIONS;
D. SELECT member_id AS MEMBER_ID, due_date AS DUE_DATE, $2 AS LATE_FEE FROM BOOKS_TRANSACTIONS

Answer: B

NEW QUESTION 106
Examine the following query:
SQL> SELECT prod_id, amount_sold FROM sales
ORDER BY amount_sold
FETCH FIRST 5 PERCENT ROWS ONLY;
What is the output of this query?

A. It displays 5 percent of the products with the highest amount sold.
B. It displays the first 5 percent of the rows from the SALES table.
C. It displays 5 percent of the products with the lowest amount sold.
D. It results in an error because the ORDER BY clause should be the last clause.

Answer: C

Explanation:
 References:
https://oracle-base.com/articles/12c/row-limiting-clause-for-top-n-queries-12cr1

NEW QUESTION 107
Which two statements are true regarding constraints? (Choose two.)

A. A constraint is enforced only for an INSERT operation on a table.
B. A foreign key cannot contain NULL values.
C. The column with a UNIQUE constraint can store NULLS.
D. You can have more than one column in a table as part of a primary key.

Answer: CD

NEW QUESTION 108
Examine the structure of the MEMBERS table. NameNull?Type
-- MEMBER_IDNOT NULLVARCHAR2 (6)
FIRST_NAMEVARCHAR2 (50)
LAST_NAMENOT NULLVARCHAR2 (50)
ADDRESSVARCHAR2 (50)
CITYVARCHAR2 (25)
STATENOT NULL VARCHAR2 (3)
Which query can be used to display the last names and city names only for members from the states MO and MI?

A. SELECT last_name, city FROM members WHERE state ='MO' AND state ='MI';
B. SELECT last_name, city FROM members WHERE state LIKE 'M%';
C. SELECT last_name, city FROM members WHERE state IN ('MO', 'MI');
D. SELECT DISTINCT last_name, city FROM members WHERE state ='MO' OR state ='MI';

Answer: C

NEW QUESTION 109
A non-correlated subquery can be defined as . (Choose the best answer.)

A. A set of one or more sequential queries in which generally the result of the inner query is used as the search value in the outer query.
B. A set of sequential queries, all of which must return values from the same table.
C. A set of sequential queries, all of which must always return a single value.
D. A SELECT statement that can be embedded in a clause of another SELECT statement only.

Answer: A

NEW QUESTION 112
Examine the structure of the ORDERS table: (Choose the best answer.)

NAME	NULL	TYPE
ORDER_ID	NOT NULL	NUMBER (12)
ORDER_DATE	NOT NULL	TIMESTAMP(6)
CUSTOMERS_ID	NOT NULL	NUMBER(6)
ORDER_STATUS		NUMBER(2)
ORDER_TOTAL		NUMBER(8, 2)

You want to find the total value of all the orders for each year and issue this command:
SQL> SELECT TO_CHAR(order_date,'rr'), SUM(order_total) FROM orders GROUP BY TO_CHAR(order_date, 'yyyy');
Which statement is true regarding the result?

A. It executes successfully but does not give the correct output.
B. It executes successfully but gives the correct output.
C. It returns an error because the TO_CHAR function is not valid.
D. It return an error because the datatype conversion in the SELECT list does not match the data type conversion in the GROUP BY clause.

Answer: D

NEW QUESTION 113
Sales data of a company is stored in two tables, SALES1 and SALES2, with some data being duplicated across the tables. You want to display the results from the SALES1 table, which are not present in the SALES2 table.
SALES1 table NameNullType
-- SALES_IDNUMBER STORE_IDNUMBER ITEMS_IDNUMBER QUANTITYNUMBER SALES_DATEDATE
SALES2 table NameNullType
-- SALES_IDNUMBER STORE_IDNUMBER
ITEMS_IDNUMBER QUANTITYNUMBER SALES_DATEDATE
Which set operator generates the required output?

A. INTERSECT
B. UNION
C. PLUS
D. MINUS
E. SUBTRACT

Answer: D

Explanation:
 References:
https://docs.oracle.com/cd/B19306_01/server.102/b14200/queries004.htm

NEW QUESTION 115
View the exhibit and examine the structure of the SALES, CUSTOMERS, PRODUCTS and TIMES tables.

SH
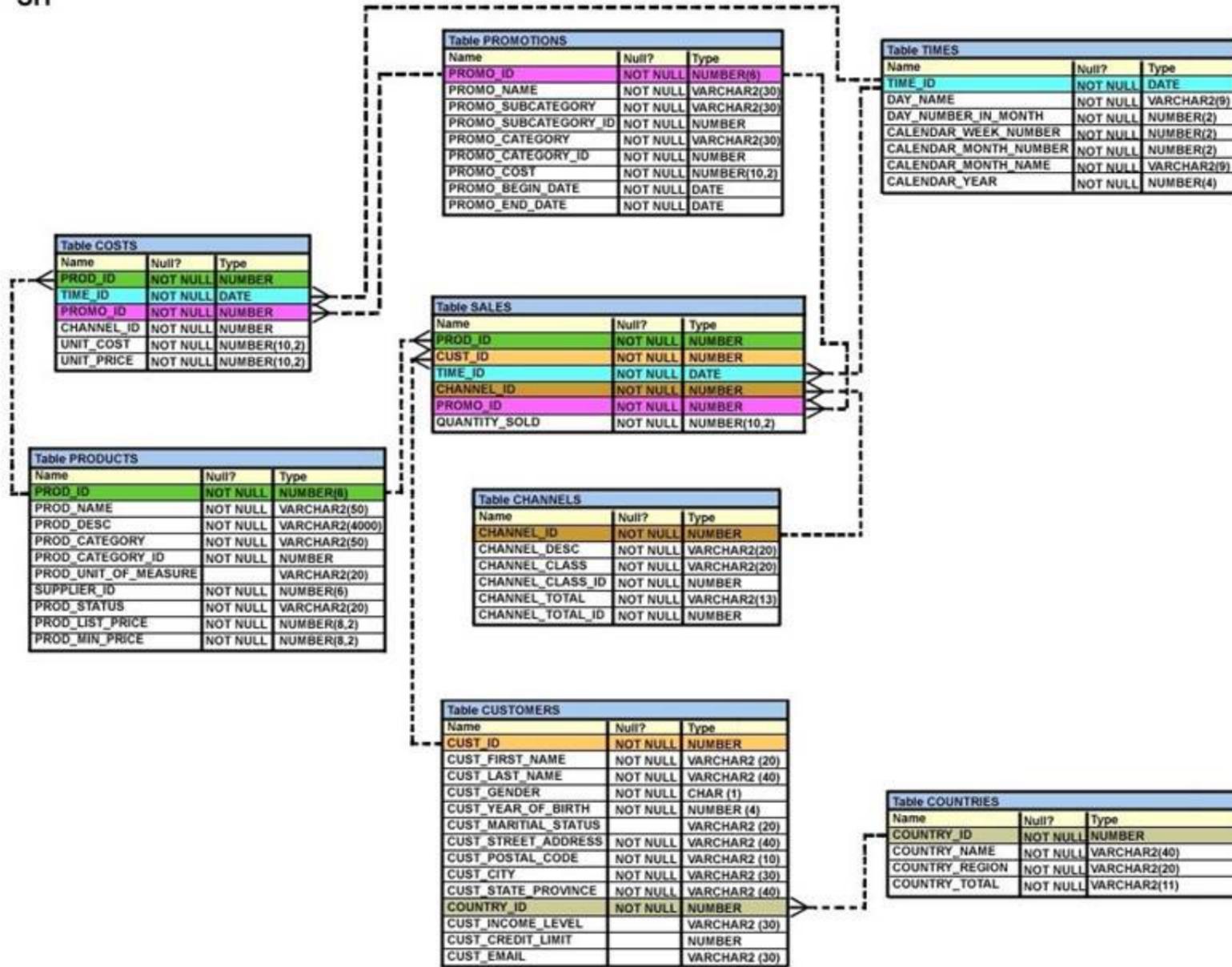
The PROD_ID column is the foreign key in the SALES tables, which references the PRODUCTS table.
Similarly, the CUST_ID and TIME_ID columns are also foreign keys in the SALES table referencing the CUSTOMERS and TIMES tables, respectively.
Evaluate the following CREATE TABLE command:
CREATE TABLE new_sales (prod_id, cust_id, order_date DEFAULT SYSDATE)
AS
SELECT prod_id, cust_id, time_id FROM sales;
Which statement is true regarding the above command?

A. The NEW_SALES table would get created and all the NOT NULL constraints defined on the specified columns would be passed to the new table.
B. The NEW_SALES table would not get created because the DEFAULT value cannot be specified in the column definition.
C. The NEW_SALES table would not get created because the column names in the CREATE TABLE command and the SELECT clause do not match.
D. The NEW_SALES table would get created and all the FOREIGN KEY constraints defined on the specified columns would be passed to the new table.

Answer: A

NEW QUESTION 117
View the Exhibit and examine the structure of the PROMOTIONS table.

Evaluate the following SQL statement:

```
SQL>SELECT promo_name,CASE
                    WHEN promo_cost >=(SELECT AVG(promo_cost)
                                      FROM promotions
                                      WHERE promo_category='TV')
                    THEN 'HIGH'
                    ELSE 'LOW'
                    END COST_REMARK
FROM promotions;
```

Which statement is true regarding the outcome of the above query?

A. It produces an error because subqueries cannot be used with the CASE expression.
B. It shows COST_REMARK for all the promos in the promo category 'TV'.
C. It shows COST_REMARK for all the promos in the table.
D. It produces an error because the subquery gives an error.

Answer: C

NEW QUESTION 119
Evaluate the following query:
SQL> SELECT TRUNC (ROUND (156.00, -1),-1) FROM DUAL;
What would be the outcome?

A. 150
B. 200
C. 160
D. 16
E. 100

Answer: C

Explanation:
 References:
https://docs.oracle.com/cd/B19306_01/server.102/b14200/functions135.htm https://docs.oracle.com/cd/B28359_01/olap.111/b28126/dml_functions_2127.htm

NEW QUESTION 120
The user SCOTT who is the owner of ORDERS and ORDER_ITEMS tables issues the following GRANT command:
GRANT ALL
ON orders, order_items TO PUBLIC;
What correction needs to be done to the above statement?

A. PUBLIC should be replaced with specific usernames.
B. ALL should be replaced with a list of specific privileges.
C. WITH GRANT OPTION should be added to the statement.
D. Separate GRANT statements are required for ORDERS and ORDER_ITEMS tables.

Answer: D

Explanation:
 References:
http://docs.oracle.com/javadb/10.8.3.0/ref/rrefsqljgrant.html

NEW QUESTION 124
Which three statements are true regarding subqueries? (Choose three.)

A. The ORDER BY Clause can be used in a subquery.
B. A subquery can be used in the FROM clause of a SELECT statement.
C. If a subquery returns NULL, the main query may still return rows.
D. A subquery can be placed in a WHERE clause, a GROUP BY clause, or a HAVING clause.
E. Logical operators, such as AND, OR and NOT, cannot be used in the WHERE clause of a subquery.

Answer: ABC

NEW QUESTION 126
Which two statements are true about Data Manipulation Language (DML) statements?

A. An INSERT INTO...VALUES.. statement can add multiple rows per execution to a table.
B. An UPDATE... SET... statement can modify multiple rows based on multiple conditions on a table.
C. ADELETE FROM..... statement can remove rows based on only a single condition on a table.
D. An INSERT INTO... VALUES..... statement can add a single row based on multiple conditions on a table.
E. ADELETE FROM..... statement can remove multiple rows based on multiple conditions on a table.
F. An UPDATE....SET.... statement can modify multiple rows based on only a single condition on a table.

Answer: BE

Explanation:
 References:
http://www.techonthenet.com/sql/and_or.php

NEW QUESTION 129
View the exhibit and examine the structure of ORDERS and CUSTOMERS tables. ORDERS
Name Null? Type
ORDER_ID NOT NULL NUMBER(4) ORDER_DATE NOT NULL DATE ORDER_MODE VARCHAR2(8) CUSTOMER_ID NOT NULL NUMBER(6)
ORDER_TOTAL NUMBER(8, 2) CUSTOMERS
Name Null? Type
CUSTOMER_ID NOT NULL
NUMBER(6) CUST_FIRST_NAME NOT NULL VARCHAR2(20) CUST_LAST_NAME NOT NULL VARCHAR2(20) CREDIT_LIMIT NUMBER(9,2)
CUST_ADDRESS VARCHAR2(40)
Which INSERT statement should be used to add a row into the ORDERS table for the customer whose CUST_LAST_NAME is Roberts and CREDIT_LIMIT is
600? Assume there exists only one row with CUST_LAST_NAME as Roberts and CREDIT_LIMIT as 600.

A. INSERT INTO (SELECT o.order_id, o.order_date, o.order_mode, c.customer_id, o.order_totalFROM orders o, customers cWHERE o.customer_id =
c.customer_id AND c.cust_last_name='Roberts' AND c.credit_limit=600)VALUES (1,'10-mar-2007', 'direct', (SELECT customer_idFROM customersWHERE
cust_last_name='Roberts' AND credit_limit=600), 1000);
B. INSERT INTO orders (order_id, order_date, order_mode,(SELECT customer idFROM customersWHERE cust_last_name='Roberts' AND credit_limit=600),
order_total);VALUES (1,'10-mar-2007', 'direct', &customer_id, 1000);
C. INSERT INTO ordersVALUES (1,'10-mar-2007', 'direct',(SELECT customer_idFROM customersWHERE cust_last_name='Roberts' AND credit_limit=600),
1000);
D. INSERT INTO orders (order_id, order_date, order_mode,(SELECT customer_idFROM customersWHERE cust_last_name='Roberts' AND credit_limit=600),
order_total);VALUES (1,'10-mar-2007', 'direct', &customer_id, 1000);

Answer: C

NEW QUESTION 131
In which three situations does a transaction complete?

A. when a PL/SQL anonymous block is executed
B. when a DELETE statement is executed
C. when a ROLLBACK command is executed
D. when a data definition language (DDL) statement is executed
E. when a TRUNCATE statement is executed after the pending transaction

Answer: CDE

Explanation:
 References:
https://docs.oracle.com/cd/B19306_01/server.102/b14220/transact.htm

NEW QUESTION 134
View and Exhibit and examine the structure and data in the INVOICE table. (Choose two.)

Name	Null	Type
INV_NO	NOT NULL	NUMBER(3)
INV_DATE		DATE
INV_AMT		NUMBER(10,2)

Which two statements are true regarding data type conversion in query expressions?

A. inv_date = '15-february-2008' :uses implicit conversion
B. inv_amt = '0255982' : requires explicit conversion
C. inv_date > '01-02-2008' : uses implicit conversion
D. CONCAT(inv_amt, inv_date) : requires explicit conversion
E. inv_no BETWEEN '101' AND '110' : uses implicit conversion

Answer: AE

NEW QUESTION 138
Examine the structure of the PROMOTIONS table: (Choose the best answer.)

NAME	NULL?	TYPE
PROMO_ID	NOT NULL	NUMBER(6)
PROMO_NAME	NOT NULL	VARCHAR2(30)
PROMO_CATEGORY	NOT NULL	VARCHAR2(30)
PROMO_COST	NOT NULL	NUMBER(10,2)

Management requires a report of unique promotion costs in each promotion category. Which query would satisfy this requirement?

A. SELECT DISTINCT promo_category, promo_cost FROM promotions ORDER BY 1
B. SELECT promo_category, DISTINCT promo_cost FROM promotions
C. SELECT DISTINCT promo_cost, promo_category FROM promotions
D. SELECT DISTINCT promo_cost, DISTINCT promo_category FROM promotions;

Answer: A

NEW QUESTION 143
View the Exhibit and examine the structure of CUSTOMERS table.
Using the CUSTOMERS table, you need to generate a report that shows an increase in the credit limit by 15% for all customers. Customers whose credit limit has not been entered should have the message "Not Available" displayed.
Which SQL statement would produce the required result?

Table CUSTOMERS		
Name	**Null?**	**Type**
CUST_ID	NOT NULL	NUMBER
CUST_FIRST_NAME	NOT NULL	VARCHAR2 (20)
CUST_LAST_NAME	NOT NULL	VARCHAR2 (40)
CUST_GENDER	NOT NULL	CHAR (1)
CUST_YEAR_OF_BIRTH	NOT NULL	NUMBER (4)
CUST_MARITIAL_STATUS		VARCHAR2 (20)
CUST_STREET_ADDRESS	NOT NULL	VARCHAR2 (40)
CUST_POSTAL_CODE	NOT NULL	VARCHAR2 (10)
CUST_CITY	NOT NULL	VARCHAR2 (30)
CUST_STATE_PROVINCE	NOT NULL	VARCHAR2 (40)
COUNTRY_ID	NOT NULL	NUMBER
CUST_INCOME_LEVEL		VARCHAR2 (30)
CUST_CREDIT_LIMIT		NUMBER
CUST_EMAIL		VARCHAR2 (30)

A. SELECT NVL (TO CHAR(cust_credit_limit * .15), 'Not Available') "NEW CREDIT"FROM customers;
B. SELECT TO_CHAR (NVL(cust_credit_limit * .15), 'Not Available') "NEW CREDIT"FROM customers;
C. SELECT NVL(cust_credit_limit * .15), 'Not Available') "NEW CREDIT"FROM customers;
D. SELECT NVL(cust_credit_limit), 'Not Available') "NEW CREDIT"FROM customers;

Answer: A

NEW QUESTION 147
Examine the structure of the EMPLOYEES table. (Choose two.)

Name	Null?	Type
EMPLOYEE_ID	NOT NULL	NUMBER(6)
FIRST_NAME		VARCHAR2(20)
LAST_NAME	NOT NULL	VARCHAR2(25)
EMAIL	NOT NULL	VARCHAR2(25)
PHONE_NUMBER		VARCHAR2(20)
HIRE_DATE	NOT NULL	DATE
JOB_ID	NOT NULL	VARCHAR2(10)
SALARY		NUMBER(8,2)
COMMISSION_PCT		NUMBER(2,2)
MANAGER_ID		NUMBER(6)
DEPARTMENT_ID		NUMBER(4)

You must display the maximum and minimum salaries of employees hired 1 year ago. Which two statements would provide the correct output?

A. SELECT MIN(Salary) minsal, MAX(salary) maxsalFROM employeesWHERE hire_date < SYSDATE-365GROUP BY MIN(salary), MAX(salary);
B. SELECT minsal, maxsalFROM (SELECT MIN(salary) minsal, MAX(salary) maxsal FROM employeesWHERE hire_date < SYSDATE-365)GROUP BY maxsal, minsal;
C. SELECT minsal, maxsalFROM (SELECT MIN(salary) minsal, MAX(salary) maxsal FROM employeesWHERE hire_date < SYSDATE-365GROUP BY MIN(salary), MAX(salary);
D. SELECT MIN(Salary), MAX(salary)FROM (SELECT salary FROM employeesWHERE hire_date < SYSDATE-365);

Answer: BD

NEW QUESTION 149
View the Exhibit and examine the structure of the ORDER_ITEMS table. (Choose the best answer.)

ORDER_ITEMS				
ORDER_ID	LINE_ITEM_ID	PRODUCT_ID	UNIT_PRICE	QUANTITY
2355	4	2322	19	188
2355	5	2323	17	190
2355	9	2359	226.6	204
2355	1	2289	46	200
2356	5	2308	58	47
2356	6	2311	95	51
2356	1	2264	199.1	38
2356	2	2274	148.5	34
2356	3	2293	98	40
2356	4	2299	72	44
2357	2	2245	462	26
2357	3	2252	788.7	26
2357	4	2257	371.8	29
2357	5	2262	95	29

You must select the ORDER_ID of the order that has the highest total value among all the orders in the ORDER_ITEMS table.
Which query would produce the desired result?

A. SELECT order_idFROM order_itemsGROUP BY order_idHAVING SUM(unit_price*quantity) = (SELECT MAX (SUM(unit_price*quantity))FROM order_items GROUP BY order_id);
B. SELECT order_idFROM order_itemsWHERE(unit_price*quantity) = (SELECT MAX (SUM(unit_price*quantity)FROM order_items) GROUP BY order_id);
C. SELECT order_idFROM order_itemsWHERE(unit_price*quantity) = MAX(unit_price*quantity)GROUP BY order_id);
D. SELECT order_idFROM order_itemsWHERE (unit_price*quantity) = (SELECT MAX(unit_price*quantity)FROM order_itemsGROUP BY order_id)

Answer: A

NEW QUESTION 151
Evaluate the following CREATE TABLE command:

```
CREATE TABLE order_item
(order_id NUMBER (3),
item-id NUMBER (2),
qty NUMBER (4),
CONSTRAINT ord_itm_id_pk
        PRIMARY KEY (order_id, item_id)
    USING INDEX
        (CREATE INDEX ord_itm_idx
        ON order_item (order_id, item_id)));
```

Which statement is true regarding the above SQL statement?

A. It would execute successfully and only ORD_ITM_IDX index would be created.
B. It would give an error because the USING INDEX clause cannot be used on a composite primary.
C. It would execute successfully and two indexes ORD_ITM_IDX and ORD_ITM_ID PK would be created.
D. It would give an error because the USING INDEX is not permitted in the CRETAE TABLE command.

Answer: A

NEW QUESTION 152
Evaluate the following query:

```
SELECT INTERVAL '300' MONTH,
INTERVAL '54-2' YEAR TO MONTH,
INTERVAL '11:12:10.1234567' HOUR TO SECOND
FROM dual;
```

Which is the correct output of the above query?

A. +00-300, +54-02,+00 11:12:10.123457

B. +00-300,+00-650,+00 11:12:10.123457
C. +25-00, +54-02, +00 11:12:10.123457
D. +25-00,+00-650,+00 11:12:10.123457

Answer: C

NEW QUESTION 154
Which statement correctly grants a system privilege?

A. GRANT CREATE VIEWON table1 TOuser1;
B. GRANT ALTER TABLETO PUBLIC;
C. GRANT CREATE TABLETO user1, user2;
D. GRANT CREATE SESSIONTO ALL;

Answer: C

NEW QUESTION 159
Examine this SELECT statement and view the Exhibit to see its output: (Choose two.)

CONSTRAINT_NAME	CON	SEARCH_CONDITION	R_CONSTRAINT_NAME	DELETE_RULE	STATUS
ORDER_DATE_NN	C	"ORDER_DATE" IS NOT NULL			ENABLED
ORDER_CUSTOMER_ID NN	C	"CUSTOMER_ID" IS NOT NULL			ENABLED
ORDER_MODE_LOV	C	order _mode in ('direct', 'online')			ENABLED
ORDER TOTAL MIN	C	order total >= 0			ENABLED
ORDER PK	P				ENABLED
ORDERS CUSTOMER ID	R		CUSTOMERS ID	SET NULL	ENABLED
ORDERS SALES REP	R		EMP EMP ID	SET NULL	ENABLED

SELECT constraints_name, constraints_type, search_condition, r_constraints_name, delete_rule, status, FROM user_constraints
WHERE table_name = 'ORDERS';
Which two statements are true about the output?

A. The DELETE_RULE column indicates the desired state of related rows in the child table when the corresponding row is deleted from the parent table.
B. The R_CONSTRAINT_NAME column contains an alternative name for the constraint.
C. In the second column, 'c' indicates a check constraint.
D. The STATUS column indicates whether the table is currently in use.

Answer: AC

NEW QUESTION 163
View the Exhibit and examine the structure in the EMPLOYEES tables.
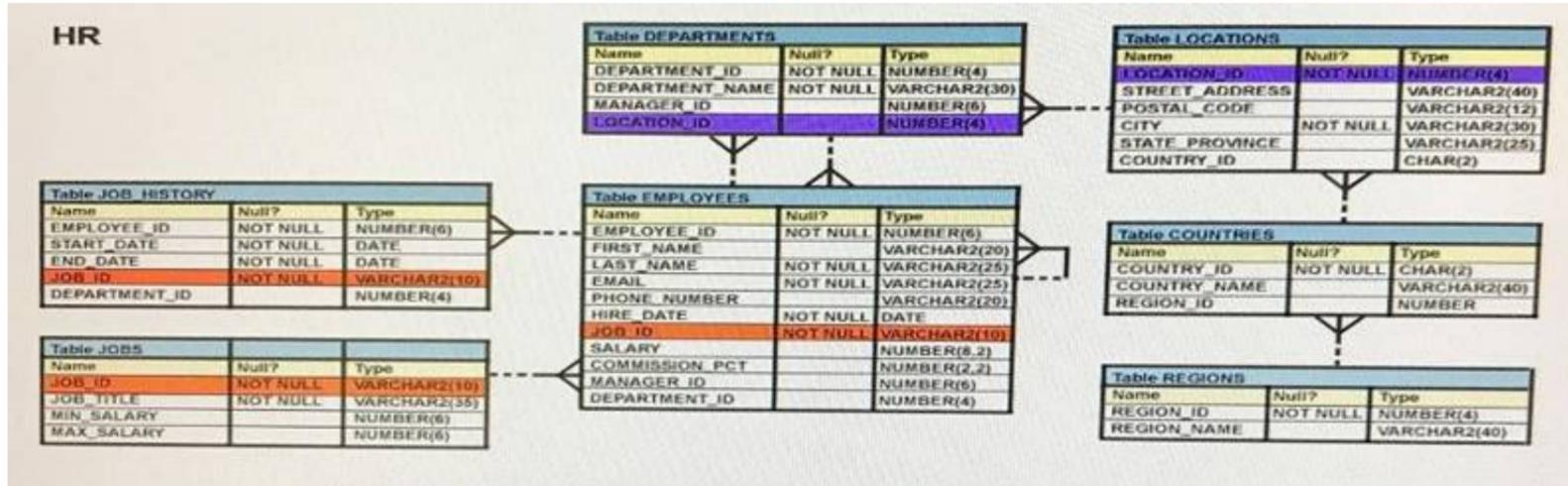
Evaluate the following SQL statement: SELECT employee_id, department_id FROM employees
WHERE department_id= 50 ORDER BY department_id UNION
SELECT employee_id, department_id FROM employees
WHERE department_id=90 UNION
SELECT employee_id, department_id
FROM employees
WHERE department_id=10;
What would be the outcome of the above SQL statement?

A. The statement would not execute because the positional notation instead of the column name should be used with the ORDER BY clause.
B. The statement would execute successfully and display all the rows in the ascending order of DEPARTMENT_ID.
C. The statement would execute successfully but it will ignore the ORDER BY clause and display the rows in random order.
D. The statement would not execute because the ORDER BY clause should appear only at the end of the SQL statement, that is, in the last SELECT statement.

Answer: D

NEW QUESTION 166
See the Exhibit and examine the structure of the PROMOTIONS table:

Table PROMOTIONS		
Name	Null?	Type
PROMO_ID	NOT NULL	NUMBER(6)
PROMO_NAME	NOT NULL	VARCHAR2(30)
PROMO_SUBCATEGORY	NOT NULL	VARCHAR2(30)
PROMO_SUBCATEGORY_ID	NOT NULL	NUMBER
PROMO_CATEGORY	NOT NULL	VARCHAR2(30)
PROMO_CATEGORY_ID	NOT NULL	NUMBER
PROMO_COST	NOT NULL	NUMBER(10,2)
PROMO_BEGIN_DATE	NOT NULL	DATE
PROMO_END_DATE	NOT NULL	DATE

Using the PROMOTIONS table,
you need to find out the average cost for all promos in the range $0-2000 and $2000-5000 in category A.
You issue the following SQL statements:

```
SQL>SELECT AVG(CASE
                    WHEN promo_cost BETWEEN 0 AND 2000 AND promo_category='A'
                        THEN promo_cost
                    ELSE null END) "CAT_2000A",
            AVG(CASE
                    WHEN promo_cost BETWEEN 2001 AND 5000 AND promo_category='A'
                        THEN promo_cost
                    ELSE null END) "CAT_5000A"
        FROM promotions;
```

What would be the outcome?

A. It generates an error because multiple conditions cannot be specified for the WHEN clause.
B. It executes successfully and gives the required result.
C. It generates an error because CASE cannot be used with group functions.
D. It generates an error because NULL cannot be specified as a return value.

Answer: B

Explanation:
CASE Expression
Facilitates conditional inquiries by doing the work of an IF-THEN-ELSE statement:
CASE expr WHEN comparison_expr1 THEN return_expr1 [WHEN comparison_expr2 THEN return_expr2
WHEN comparison_exprn THEN return_exprn ELSE else_expr]
END

NEW QUESTION 168
Which statement is true about Data Manipulation Language (DML)?

A. DML automatically disables foreign ley constraints when modifying primary key values in the parent table.
B. Each DML statement forms a transaction by default.
C. A transaction can consist of one or more DML statements.
D. DML disables foreign key constraints when deleting primary key values in the parent table, only when the ON DELETE CASCADE option is set for the foreign key constraint.

Answer: C

NEW QUESTION 170
View the exhibit and examine the data in ORDERS_MASTER and MONTHLY_ORDERS tables.
ORDERS_MASTER ORDER_ID ORDER_TOTAL
1
1000
2
2000
3
3000
4
MONTHLY_ORDERS ORDER_ID ORDER_TOTAL
2

2500
3
Evaluate the following MERGE statement: MERGE_INTO orders_master o
USING monthly_orders m ON (o.order_id = m.order_id) WHEN MATCHED THEN
UPDATE SET o.order_total = m.order_total DELETE WHERE (m.order_total IS NULL) WHEN NOT MATCHED THEN
INSERT VALUES (m.order_id, m.order_total)
What would be the outcome of the above statement?

A. The ORDERS_MASTER table would contain the ORDER_IDs 1, 2, 3 and 4.
B. The ORDERS_MASTER table would contain the ORDER_IDs 1, 2 and 4.
C. The ORDERS_MASTER table would contain the ORDER_IDs 1, 2 and 3.
D. The ORDERS_MASTER table would contain the ORDER_IDs 1 and 2.

Answer: B

Explanation:
 References:
https://docs.oracle.com/cd/B28359_01/server.111/b28286/statements_9016.htm

NEW QUESTION 175
Which two statements are true regarding working with dates? (Choose two.)

A. The RR date format automatically calculates the century from the SYSDATE function but allows the session user to enter the century.
B. The RR date format automatically calculates the century from the SYSDATE function and does not allow a session user to enter the century.
C. The default internal storage of dates is in character format.
D. The default internal storage of dates is in numeric format.

Answer: AD

NEW QUESTION 180
You notice a performance change in your production Oracle 12c database. You want to know which change caused this performance difference.
Which method or feature should you use?

A. Compare Period ADDM report.
B. AWR Compare Period report.
C. Active Session History (ASH) report.
D. Taking a new snapshot and comparing it with a preserved snapshot.

Answer: B

NEW QUESTION 182
Examine the structure of the PROGRAMS table:

Name	Null?	Type
PROG_ID	NOT NULL	NUMBER (3)
PROG_COST		NUMBER (8, 2)
START_DATE	NOT NULL	DATE
END_DATE		DATE

Which two SQL statements would execute successfully?

A. SELECT NVL (ADD_MONTHS (END_DATE,1) SYSDATE) FROM programs;
B. SELECT TO_DATE (NVL (SYSDATE-END_DATE, SYSDATE)) FROM programs;
C. SELECT NVL (MONTHS_BETWEEN (start_date, end_date), 'Ongoing') FROM programs;
D. SELECT NVL (TO_CHAR (MONTHS_BETWEEN (start-date, end_date)), 'Ongoing') FROMprograms

Answer: AD

NEW QUESTION 183
Which three statements are true regarding the WHERE and HAVING clauses in a SQL statement? (Choose three.)

A. WHERE and HAVING clauses cannot be used together in a SQL statement.
B. The HAVING clause conditions can have aggregate functions.
C. The HAVING clause conditions can use aliases for the columns.
D. The WHERE clause is used to exclude rows before the grouping of data.
E. The HAVING clause is used to exclude one or more aggregated results after grouping data.

Answer: ABD

NEW QUESTION 186
View the Exhibit and examine the structure of the ORDERS table. (Choose the best answer.)
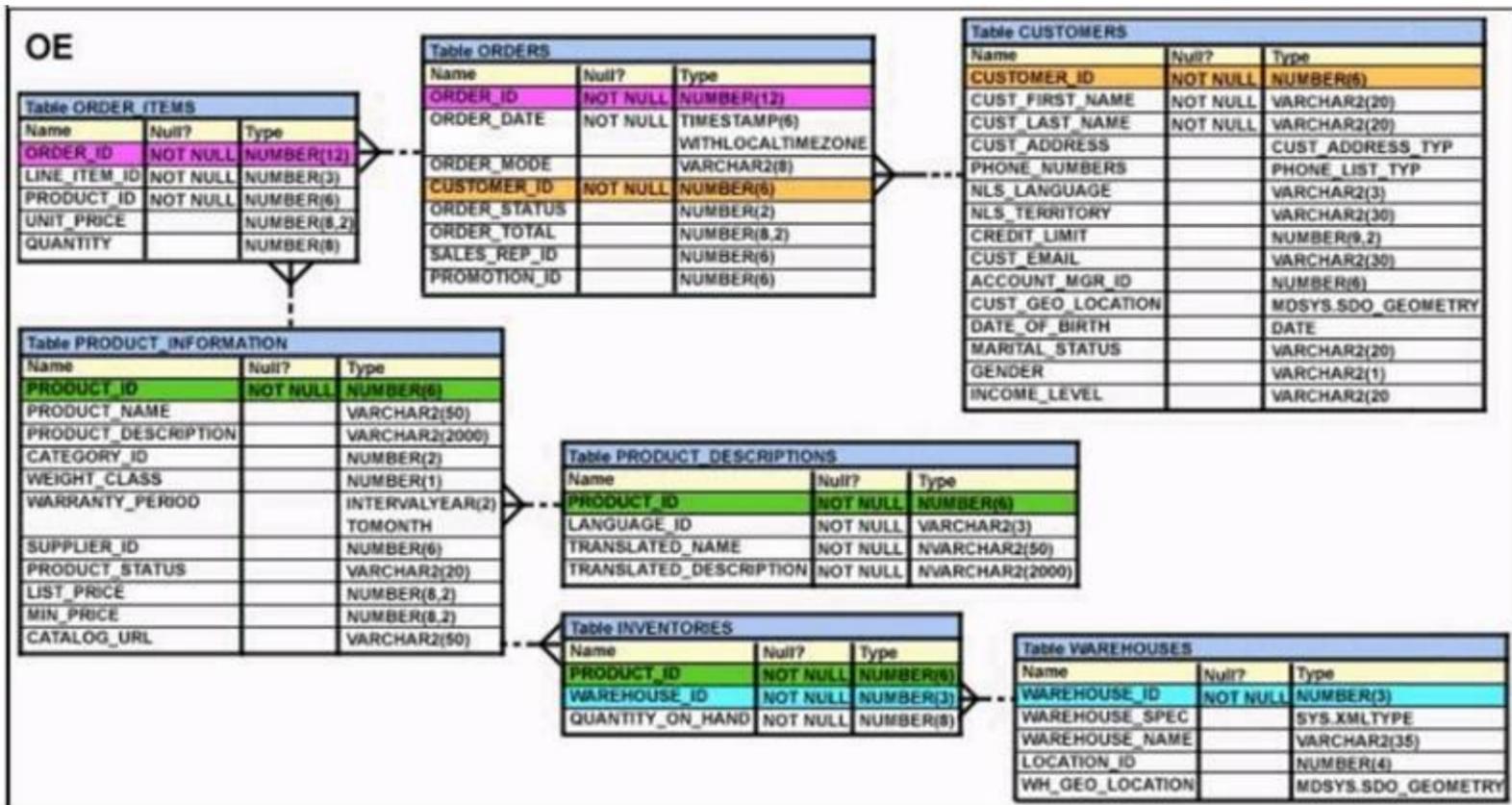
You must select ORDER_ID and ORDER_DATE for all orders that were placed after the last order placed by CUSTOMER_ID 101.
Which query would give you the desired result?

A. SELECT order_id, order_date FROM ordersWHERE order_date > ANY(SELECT order_date FROM orders WHERE customer_id = 101);
B. SELECT order_id, order_date FROM ordersWHERE order_date > ALL(SELECT MAX(order_date) FROM orders) AND customer_id = 101;
C. SELECT order_id, order_date FROM ordersWHERE order_date > ALL(SELECT order_date FROM orders WHERE customer_id = 101);
D. SELECT order_id, order_date FROM ordersWHERE order_date > IN(SELECT order_date FROM orders WHERE customer_id = 101);

Answer: C

NEW QUESTION 187
Examine the structure of the BOOKS_TRANSACTIONS table:

Name	Null?	Type
TRANSACTION_ID	NOT NULL	VARCHAR2 (6)
BORROWED_DATE		DATE
DUE_DATE		DATE
BOOK_ID		VARCHAR2 (6)
MEMBER_ID		VARCHAR2 (6)

You want to display the member IDs, due date, and late fee as $2 for all transactions. Which SQL statement must you execute?

A. SELECT member_id AS MEMBER_ID, due_date AS DUE_DATE, $2 AS LATE_FEE FROM BOOKS_TRANSACTIONS;
B. SELECT member_id 'MEMBER ID', due_date 'DUE DATE', '$2 AS LATE FEE' FROM BOOKS_TRANSACTIONS;
C. SELECT member_id AS "MEMBER ID", due_date AS "DUE DATE", '$2' AS "LATE FEE" FROM BOOKS_TRANSACTIONS;
D. SELECT member_id AS "MEMBER ID", due_date AS "DUE DATE", $2 AS "LATE FEE" FROM BOOKS_TRANSACTIONS;

Answer: C

NEW QUESTION 192
Which two statements are true regarding the WHERE and HAVING clauses in a SELECT statement? (Choose two.)

A. The WHERE and HAVING clauses can be used in the same statement only if they are applied to different columns in the table.
B. The aggregate functions and columns used in the HAVING clause must be specified in the SELECT list of the query.
C. The WHERE clause can be used to exclude rows after dividing them into groups.
D. The HAVING clause can be used with aggregate functions in subqueries.
E. The WHERE clause can be used to exclude rows before dividing them into groups.

Answer: CD

NEW QUESTION 194
Examine the structure of the INVOICE table. NameNull?Type
-- INV_NONOT NULLNUMBER(3) INV_DATEDATE INV_AMTNUMBER(10,2)
Which two SQL statements would execute successfully?

A. SELECT inv_no, NVL2(inv_date, 'Pending', 'Incomplete')FROM invoice;
B. SELECT inv_no, NVL2(inv_amt, inv_date, 'Not Available')FROM invoice;

C. SELECT inv_no, NVL2(inv_date, sysdate-inv_date, sysdate)FROM invoice;
D. SELECT inv_no, NVL2(inv_amt, inv_amt*.25, 'Not Available')FROM invoice;

Answer: AC

NEW QUESTION 199
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C. SELECT inv_no, NVL2(inv_date, sysdate-inv_date, sysdate)FROM invoice;
D. SELECT inv_no, NVL2(inv_amt, inv_amt*.25, 'Not Available')FROM invoice;

Answer: AC

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