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Attempt 1

Written: Apr 11, 2018 5:40 PM – Apr 11, 2018 6:43 PM

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Final Practice Query Exam 3 Random Section

Question 1

1 / 1 point

You have a script you plan to run using SQL\*Plus that contains several SQL statements that manage milk inventory in several different tables based on various bits of information. You want the output to go into a file for review later. Which command would you use?

- ☐ A) PROMPT
- ☐ B) ECHO
- ☒ C) SPOOL
- ☐ D) DEFINE

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## Question 2

0 / 1 point

You issue the following statement in Oracle:

```
SELECT * FROM EMP WHERE DEPT IN  
(SELECT DEPT FROM VALID_DEPTS  
WHERE DEPT_HEAD = 'SALLY'  
ORDER BY DEPT);
```

Which of the following choices best indicates how Oracle will respond to this SQL statement?

-  ☐ A) Oracle returns the data selected
- ☐ B) Oracle returns data from EMP but not VALID\_DEPTS
- ☐ C) Oracle returns data from VALID\_DEPTS but not EMP
-  ☐ D) Oracle returns an error

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## Question 3

1 / 1 point

You want to join data from four tables into one result set and display that set in your session. Table A has a column in common with table B, table B with table C, and table C with table D. You want to further restrict data returned

from the tables by only returning data where values in the common column shared by A and B equals 5. How many conditions should you have in the `WHERE` clause of your `SELECT` statement?

- ☐ A) 2
- ☐ B) 3
- ☒ C) 4
- ☐ D) 5

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#### Question 4

1 / 1 point

You have a table called `TEST_SCORE` that stores test results by student personal ID number, test location, and date the test was taken. Tests given in various locations throughout the country are stored in this table. A student is not allowed to take a test for 30 days after failing it the first time, and there is a check in the application preventing the student from taking a test twice in 30 days at the same location.

Recently, it has come to everyone's attention that students are able to circumvent the 30-day rule by taking a test in a different location. Which of

the following SQL statements would be useful for identifying the students who have done so?

- ☐ A) `SELECT A.STUDENT_ID, A.LOCATION, B.LOCATION FROM TEST_SCORE A,  
TEST_SCORE B WHERE STUDENT A.STUDENT_ID = B.STUDENT_ID AND  
A.LOCATION = B.LOCATION AND TRUNC(A.TEST_DATE)+30 >=  
TRUNC(B.TEST_DATE) AND TRUNC(A.TEST_DATE)-30 <= TRUNC(B.TEST_DATE);`
- ☒ B) `SELECT A.STUDENT_ID, A.LOCATION, B.LOCATION FROM TEST_SCORE A,  
TEST_SCORE B WHERE STUDENT A.STUDENT_ID = B.STUDENT_ID AND  
A.LOCATION <> B.LOCATION AND TRUNC(A.TEST_DATE)+30 <=  
TRUNC(B.TEST_DATE) AND TRUNC(A.TEST_DATE)-30 >= TRUNC(B.TEST_DATE);`
- ☐ C) `SELECT A.STUDENT_ID, A.LOCATION, B.LOCATION FROM TEST_SCORE A,  
TEST_SCORE B WHERE STUDENT A.STUDENT_ID = B.STUDENT_ID AND  
A.LOCATION = B.LOCATION AND TRUNC(A.TEST_DATE)+30 <=  
TRUNC(B.TEST_DATE) AND TRUNC(A.TEST_DATE)-30 >= TRUNC(B.TEST_DATE);`
- ☐ D) `SELECT A.STUDENT_ID, A.LOCATION, B.LOCATION FROM TEST_SCORE A,  
TEST_SCORE B WHERE STUDENT A.STUDENT_ID = B.STUDENT_ID AND  
A.LOCATION <> B.LOCATION AND TRUNC(A.TEST_DATE)+30 >=  
TRUNC(B.TEST_DATE) AND TRUNC(A.TEST_DATE)-30 <=  
TRUNC(B.TEST_DATE);`

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### Question 5

1 / 1 point

You are cleaning information out of the Oracle database. Which of the following statements will get rid of all views that use a table at the same time you eliminate the table from the database?

- ☒ A) `DROP VIEW`
- ☐ B) `ALTER TABLE`

- ☐ C) DROP INDEX
- ☐ D) ALTER TABLE DROP CONSTRAINT

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### Question 6

1 / 1 point

In an expense application, you are searching for employee information in the `EMPLOYEE` table corresponding to an invoice number you have. The `INVOICE` table contains `EMPID`, the primary key for `EMPLOYEE`. Which of the following options is appropriate for obtaining data from `EMPLOYEE` using your invoice number?

- ☐ A) `select * from EMPLOYEE where empid = &empid;`
- ☐ B) `select * from EMPLOYEE where empid = 69494;`
- ✓ ☒ C) `select * from EMPLOYEE where empid = (select empid from invoice where invoice_no = 4399485);`
- ☐ D) `select * from EMPLOYEE;`

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### Question 7

1 / 1 point

Which of the following uses does NOT describe an appropriate use of the HAVING clause?

- ☒ A) To put returned data into sorted order
- ☐ B) To exclude certain data groups based on known criteria
- ☐ C) To include certain data groups based on unknown criteria
- ☐ D) To include certain data groups based on known criteria

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### Question 8

1 / 1 point

You are managing data access for an application with 163 tables and 10,000 users. Which of the following objects would assist in managing access in this application by grouping privileges into an object that can be granted to users at once?

- ☐ A) Sequences
- ☐ B) Tables
- ☐ C) Indexes

✓ ☐ D) Roles

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### Question 9

0 / 1 point

You would like to reference a table in your PL/SQL block. What special syntactic attribute must you precede the SQL statement with in order to make the PL/SQL block compile?

- ☐ A) Put a colon in front of all variables.
- ✗ ☐ B) Use /\* \*/ to surround the SQL code.
- ☐ C) Prefix the command EXEC SQL in front of the statement.
- ➡ ☐ D) No special syntax is required.

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### Question 10

1 / 1 point

Review the following transcript of a SQL\*Plus session:

```
INSERT INTO INVENTORY (UPC_CODE, PRODUCT)
VALUES (503949353, 'HAZELNUT COFFEE');
INSERT INTO INVENTORY (UPC_CODE, PRODUCT)
```

```
VALUES (593923506, 'SKIM MILK');  
INSERT INTO INVENTORY (UPC_CODE, PRODUCT)  
VALUES (402392340, 'CANDY BAR');  
SAVEPOINT INV1;  
UPDATE INVENTORY SET UPC_CODE = 50393950  
WHERE UPC_CODE = 402392340;  
UPDATE INVENTORY SET UPC_CODE = 4104930504  
WHERE UPC_CODE = 402392340;  
COMMIT;  
UPDATE INVENTORY SET PRODUCT =  
(SELECT PRODUCT FROM INVENTORY  
WHERE UPC_CODE = 50393950)  
WHERE UPC_CODE = 593923506;  
ROLLBACK;
```

Which of the following UPC codes will not have records in the INVENTORY table as a result of this series of operations?

- ☐ A) 593923506
- ☐ B) 503949353
- ☒ C) 4104930504
- ☐ D) 50393950

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**Attempt Score: 8 / 10 – B–**

**Overall Grade (last attempt): 8 / 10 – B–**

Done