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Attempt 1

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Submission View

Your quiz has been submitted successfully.

Quiz Pool – Chapter 5 Oracle

Question 1

1 / 1 point

Primary keys uniquely identify every column in a table.

☐ A) True

✓ ☒ B) False

Question 2

1 / 1 point

You cannot remove a NOT NULL constraint from a column after you create it. You must create a new column, migrate the data, and then delete the obsolete column.

☐ A) True

✓ ☒ B) False

Question 3

0.6 / 1 point

In an Oracle database, an unconstrained column that has no upward limit on the number of values holds a _____, which typically has ____ cardinality. (Multiple answers possible.)

✗ ☐ A) Collection, 1..*

✓ ☐ B) Enum, 0..1

➡ ✗ ☐ C) Collection, 0..*

✓ ☐ D) Set, 0..*

✓ ☐ E) Set, 1..*

Question 4

1 / 1 point

Referential integrity constraints ensure that references between tables can be found.

- ✓ ☐ A) True
☐ B) False

Question 5

1 / 1 point

When applied to a column in a table, the ENUM data type limits a column to a list of 64 possible string values.

- ☐ A) True
✓ ☐ B) False

Question 6

0 / 1 point

A UNIQUE constraint is a column-level constraint.

- ✗ ☐ A) True
➡ ☐ B) False

Question 7

1 / 1 point

A foreign key can only reference a primary key in tables other than the one the foreign key is located in.





- ☐ A) True
✓ ☐ B) False

Question 8

0.8 / 1 point

The Oracle databases require that you create foreign key constraints as out-of-line constraints when which of the following is true? (Multiple answers possible.)


- ➡ ✓ ☐ A) The foreign key constraint applies to one column and a system generated constraint name isn't acceptable.

- ➡  ☐ B) The foreign key constraint applies to two or more columns and a system generated constraint name can be used.
- ➡  ☐ C) The foreign key constraint applies to two or more columns and a system generated constraint name can't be used.
-  ☐ D) The foreign key constraint applies to one column and a system generated constraint name is acceptable.
-  ☐ E) All of the above

Question 9

1 / 1 point






In Oracle, primary key columns are mandatory columns.

-  ☐ A) True
- ☐ B) False

Question 10

1 / 1 point

_____ constraint(s) allows you to verify the value of a column during the insert or update through the use of a qualified boundary in an Oracle database. (Multiple answers possible.)

-  ☐ A) Unique
-  ☐ B) Check
-  ☐ C) Not Null
-  ☐ D) Primary Key
-  ☐ E) Foreign Key

Quiz Pool – Chapter 6 Oracle

Question 11

1 / 1 point

Setting a password to expire is not the best practice for issuing user accounts.

- ☐ A) True
- ✓ ☒ B) False

Question 12

1 / 1 point

In Oracle, column constraints must be implemented as an out-of-line constraint.

- ☐ A) True
- ✓ ☒ B) False

Question 13

1 / 1 point

In Oracle, NOT NULL constraints can be a column-level constraint or a table-level constraint.

- ☐ A) True
- ✓ ☒ B) False

Question 14


1 / 1 point

Which of the following are levels of tracing? (Multiple answers possible.)

- ✓ ☒ A) Administration
- ✓ ☒ B) User
- ✓ ☒ C) System
- ✓ ☒ D) Tracing Off
- ✓ ☒ E) Oracle Worldwide Support






Question 15**1 / 1 point**

A FOREIGN KEY constraint can reference a primary key in the same table or one in a different table.

-  ☐ A) True
- ☐ B) False






Question 16**1 / 1 point**

In Oracle, the default format for dates is... (Multiple answers possible.)

-  ☐ A) yyyy-mm-dd
-  ☐ B) yy-mm-dd
-  ☐ C) dd-mon-rr
-  ☐ D) dd-mon-yyyy
-  ☐ E) mm-dd-yy

Question 17**1 / 1 point**

_____ are structures that restrict the type of data you can put in tables. (Multiple answers possible.)

-  ☐ A) Indexes
-  ☐ B) Sequences
-  ☐ C) Views
-  ☐ D) Constraints
-  ☐ E) Schemas

Question 18

1 / 1 point

A not null column is a mandatory column when you insert or update a row.

- ✓ ☐ A) True
- ☐ B) False

Question 19

1 / 1 point

Three-valued logic means that if you find something is true when you look for truth, it is true.

- ✓ ☐ A) True
- ☐ B) False

Question 20

1 / 1 point

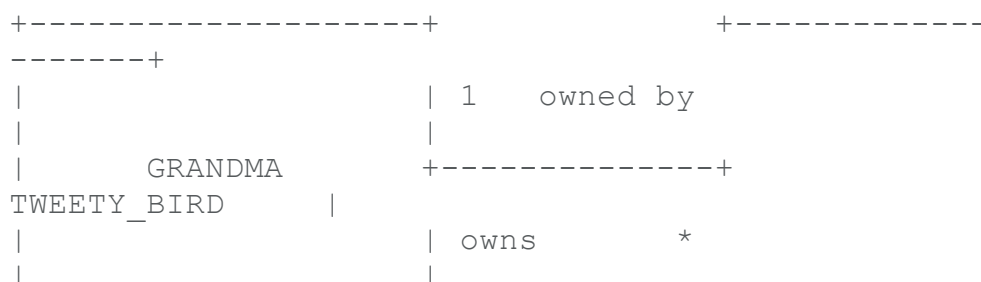
Which functions allow you to get the current date-time value in Oracle? (Multiple answers possible.)

- ✓ ☐ A) SYSDATE
- ✓ ☐ B) UTC_DATE
- ✓ ☐ C) NOW
- ✓ ☐ D) None of the above
- ✓ ☐ E) TRUNC

Exam #3 (Question #1: Reading Annotated UML)

Question 21

0.4 / 1 point



+-----+
-----+

+-----

Which of the following sentences describe the relationship from the `TWEETY_BIRD` table to the `GRANDMA` table (multiple answers possible).

- ➡ ☒ A) Tweety bird is owned by one and only one grandma
- ☒ B) Tweety bird is owned zero to one grandmas
- ☒ C) Tweety bird is owned by one to many grandmas
- ☒ D) Tweety bird is owned zero to many grandmas
- ➡ ☒ E) Tweety bird is owned by grandma

Exam #3 (Question #2: Understanding Primary to Foreign Key)

Question 22

0.8 / 1 point

A re-runnable script requires which of the following behaviors in an Oracle database (multiple answers possible and answers should be treated as exclusive – may apply in a script but not necessary in the same script as another requirement)?

- ➡ ☒ A) You may append the `CASCADE` CONSTRAINTS clause to a `DROP TABLE` statement
- ☒ B) You must drop the primary key table first
- ☒ C) You may append the `CASCADE ALL` clause to a `DROP TABLE` statement
- ☒ D) You set `SET FOREIGN_KEY_CHECKS = 0`
- ➡ ☒ E) You may drop the foreign key table before the primary key table

Exam #3 (Question #3: Understanding Constained & Unconstrained Foreign Key)**Question 23**

1 / 1 point

A NOT NULL constraint on a INTEGER data type column yields which of the following column cardinalities?

- ☐ A) 0..1
- ☐ B) 1
- ☐ C) 0..*
- ☐ D) 1..*
- ☒ E) 1..1

Exam #3 (Question #4: Understanding Transactional Tables)**Question 24**

1 / 1 point

Which of the following describe things you must do in a Oracle database to ensure a transaction across two or more tables. (multiple answers possible)

- ☒ A) You must insert a row in the unconstrained table with a primary key before you insert a row in the constrained table with a foreign key
- ☒ B) You have no restrictions when inserting into two or more tables in a transaction scope
- ☒ C) You must start a transaction scope to control an all or nothing transaction across two or more tables
- ☒ D) You may submit the row in the unconstrained table after you insert a dependent row in the

constrained table

- ✓ ☐ E) You must create all tables that participate in the transaction using an InnoDB engine.

Exam #3 (Question #5: Cardinality in Relationships)

Question 25

1 / 1 point

Which of the following are valid physical binary relationships (multiple answers possible).

- ✓ ☐ A) Many-to-many
- ✓ ☐ B) One-to-many
- ✓ ☐ C) Zero-to-one
- ✓ ☐ D) Zero-to-many
- ✓ ☐ E) One-to-one

Exam #3 (Question #6: Cardinality Symbols)

Question 26

0 / 1 point

Which of the following are cardinalities for mandatory columns.

- | | | |
|---|------------------------------|---------|
| | Mandatory | 1. 0..1 |
| ✗ | __2__ (4) column cardinality | 2. 1..1 |
| | Mandatory | 3. 0..* |
| ✗ | __4__ (2) column cardinality | 4. 1..* |

Exam #3 (Question #7: CHECK Constraints)

Question 27

1 / 1 point

```
SQL> ALTER TABLE contact
  2  ADD (gender VARCHAR2(1)) -- Add GENDER
column.
  3  ADD CONSTRAINT gender_check CHECK (gender IN
('M', 'F'));
```

What's the valid cardinality of the GENDER column?

1. 0..1

2. 0..2

✓ 1 Valid

3. 1..1

4. 1..2

Exam #3 (Question #8: Relationship Vocabulary)

Question 28

1 / 1 point

A tuple describes a column of data.

☐ A) True

✓ ☒ B) False

Exam #3 (Question #9: Normalization)

Question 29

0.8 / 1 point

Third normal form (3NF) is achieved when which of the following conditions are met (multiple answers possible)?

✓ ☐ A) Column data types should be subatomic

➡ ✓ ☐ B) No transitive dependency

➡ ✗ ☐ C) Already in first normal form

➡ ✓ ☐ D) Already in second normal form

✓ ☐ E) No partial dependency

Exam #3 (Question #10: Entity Relationship Diagrams)

Question 30

1 / 1 point

SQL Developer lets you perform which of the following tasks (multiple answers possible).

- ✓ ☐ A) Editing data in tables
- ✓ ☐ B) Modeling data in entity relationship diagrams
- ✓ ☐ C) Displaying images from the database
- ✓ ☐ D) Creating tables through a GUI interface
- ✓ ☐ E) Querying data from tables

Attempt Score: 26.4 / 30 – B+

Overall Grade (highest attempt): 26.4 / 30 – B+