

Quiz for Module 3 practice problems

Practice Quiz, 22 questions

22/22 points (100%)**Congratulations! You passed!**[Next Item](#)1 / 1
point

1.

Problem 1: Which column is the most appropriate to be a primary key in Customer table:

- ☐ Phone
- ☐ Address
- ☐ CustName
- ☒ CustNo

**Correct**1 / 1
point

2.

Problem 1: How many columns are in the Customer table:

- ☐ 8
- ☐ 10
- ☒ 9

**Correct**

- ☐ 7

1 / 1
point

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22/22 points (100%)

Problem 1: How many constraint types are in the problem 1 statement:

☐ 4☒ 2**Correct**☐ 1☐ 31 / 1
point

4.

Problem 1: Which constraints are required in problem 1 statement

☐ Primary key and Foreign key constraints☒ Primary key and NOT NULL constraints**Correct**☐ Foreign key and NOT NULL constraints☐ Check and NOT NULL constraints1 / 1
point

5.

Problem 1: Which of the followings is the most appropriate data type for address column:

☒ VARCHAR2**Correct**☐ DECIMAL☐ INTEGER☐ DATE

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22/22 points (100%)

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1 / 1
point

6.

Problem 2: Which column is the most appropriate to be a primary key in Facility table:



FacNo

**Correct**

No need for Primary key in this table



FacName



CustNo

1 / 1
point

7.

Problem 2: How many columns are in the Facility table:



1



2

**Correct**

3



4

1 / 1
point

8.

Problem 2: How many constraint types are in the problem 2 statement:



2

**Correct**

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22/22 points (100%)

☐ 31 / 1
point

9.

Problem 2: Which constraints are required in problem 2 statement

- ☐ Foreign key and NOT NULL constraints
- ☐ Check and NOT NULL constraints
- ☒ Primary key and NOT NULL constraints

Correct☐ Primary key and Foreign key constraints1 / 1
point

10.

Problem 2: Which of the followings is the most appropriate data type for FacName column:

- ☐ DECIMAL
- ☐ BOOLEAN
- ☒ VARCHAR2

Correct☐ INTEGER1 / 1
point

11.

Problem 3: Which column is the most appropriate to be a primary key in Location table:

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22/22 points (100%)

☐ FacNo

☒ LocNo



Correct



1 / 1
point

12.

Problem 3: How many columns are in the Location table:

☒ 3



Correct

☐ 1

☐ 4

☐ 2



1 / 1
point

13.

Problem 3: How many constraint types are in the problem 3 statement:

☐ 3

☒ 2



Correct

☐ 1

☐ 4

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14.

Problem 3: Which constraints are required in problem 3 statement



Primary key and NOT NULL constraints

**Correct**

Foreign key and NOT NULL constraints



Primary key and Foreign key constraints



Check and NOT NULL constraints

1 / 1
point

15.

Problem 3: Which of the followings is the most appropriate data type for LocName column:



INTEGER



FLOAT



VARCHAR2

**Correct**

BOOLEAN

1 / 1
point

16.

Problem 4: How many 1-M relationships are there among the Customer, Facility and Location tables:



1

**Correct**

0



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1 / 1
point

17.

Problem 4: Which of the following tables have 1-M relationship:

- ☐ There is no 1-M relationship among these tables
- ☐ Facility and Customer
- ☐ Customer and Location
- ☒ Facility and Location

Correct1 / 1
point

18.

Problem 5: Which of the followings is the appropriate referential integrity constraint for problem 5:

- ☐ CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (LocNo)
- ☒ CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (FacNo)

Correct

- ☐ CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES LOCATION (FacNo)
- ☐ CONSTRAINT FK_LOCNO FOREIGN KEY (LocNo) REFERENCES FACILITY (LocNo)

1 / 1
point

19.

Problem 6: Which of the following statements is TRUE about problem 6:

- ☐ Any location may not belong to more than one facility

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22/22 points (100%)

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Null values are not allowed in the foreign key column in Location table

Correct

- ☐ Each facility must have only one location
-

1 / 1
point

20.

Problem 6: Which of the following constraints is the most appropriate addition in problem 6:

- ☐ UNIQUE constraint for FacNo
- ☐ No need for additional constraints
- ☐ Foreign key constraint for LocNo column
- ☒ NOT NULL constraint for FacNo column

Correct1 / 1
point

21.

Problem 7: Which of the following constraints is the most appropriate addition in problem 7:

- ☐ Primary key constraint
- ☐ Foreign key constraint
- ☐ Check constraint
- ☒ Unique constraint

Correct1 / 1
point

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Problem 7: Which of the followings is the appropriate constraint syntax for problem 7:
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CONSTRAINT UniqueFacName UNIQUE (FacName)



Correct



CONSTRAINT UniqueLocName SET UNIQUE (FacName)



CONSTRAINT UniqueFacName UNIQUE



CONSTRAINT UNIQUE (LocName)

