

# Congratulations! You passed!

Grade received 100%

To pass 80% or higher

Go to next  
item

## Quiz for Module 3 practice problems

Total points 22

### 1. Problem

1 / 1 point

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

☐ CustName

☐ Phone

☒ CustNo

☐ Address

☒ Correct

### 2. Problem 1: How many

1 / 1 point

columns are in the Customer table:

☒ 9

☐ 8

☐ 10

☐ 7

✓ Correct

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

1 / 1 point

☐ 4

☐ 1

☐ 3

☒ 2

✓ Correct

4. Problem 1: Which constraints are required in problem 1 statement

1 / 1 point

☐ Check and NOT NULL constraints

☐ Primary key and Foreign key constraints

☐ Foreign key and NOT NULL constraints

☒ Primary key and NOT NULL constraints

✓ Correct

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

1 / 1 point

- ☐ DATE
- ☐ INTEGER
- ☒ VARCHAR2
- ☐ DECIMAL

✓ **Correct**

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

1 / 1 point

- ☐ FacName
- ☒ FacNo
- ☐ No need for Primary key in this table
- ☐ CustNo

✓ **Correct**

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

1 / 1 point

- ☐ 1
- ☐ 3
- ☐ 4
- ☒ 2

✓ Correct

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

1 / 1 point

☐ 1

☒ 2

☐ 3

☐ 4

✓ Correct

9. Problem 2: Which constraints are required in problem 2 statement

1 / 1 point

☐ Foreign key and NOT NULL constraints

☐ Primary key and Foreign key constraints

☒ Primary key and NOT NULL constraints

☐ Check and NOT NULL constraints

✓ Correct

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

1 / 1 point

☒ VARCHAR2

☐ DECIMAL

☐ INTEGER

☐ BOOLEAN

☒ **Correct**

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

**1 / 1 point**

☐ FacNo

☐ LocName

☐ Location

☒ LocNo

☒ **Correct**

**12.** Problem 3: How many columns are in the Location table:

**1 / 1 point**

☐ 1

☐ 2

☐ 4

☒ 3

☒ **Correct**

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

1 / 1 point

☐ 3

☐ 1

☒ 2

☐ 4

☒ **Correct**

**14.** Problem 3: Which constraints are required in problem 3 statement

1 / 1 point

☐ Check and NOT NULL constraints

☒ Primary key and NOT NULL constraints

☐ Primary key and Foreign key constraints

☐ Foreign key and NOT NULL constraints

☒ **Correct**

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

1 / 1 point

☒ VARCHAR2

☐ FLOAT

☐ BOOLEAN

☐ INTEGER

☒ **Correct**

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

**1 / 1 point**

☐ 0

☐ 3

☒ 1

☐ 2

☒ **Correct**

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

**1 / 1 point**

☐ Facility and Customer

☐ Customer and Location

☐ There is no 1-M relationship among these tables

☒ Facility and Location

☒ **Correct**

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

1 / 1 point

- ☐ CONSTRAINT FK\_LOCNO FOREIGN KEY (LocNo) REFERENCES FACILITY (LocNo)
- ☐ CONSTRAINT FK\_FACNO FOREIGN KEY (FacNo) REFERENCES LOCATION (FacNo)
- ☐ CONSTRAINT FK\_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (LocNo)
- ☒ CONSTRAINT FK\_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (FacNo)

✓ Correct

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

1 / 1 point

- ☐ Any location may not belong to more than one facility
- ☒ Null values are not allowed in the foreign key column in Location table
- ☐ Null values are allowed in the foreign key column in Location table
- ☐ Each facility must have only one location

✓ Correct



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

1 / 1 point

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

✓ **Correct**

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

1 / 1 point

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

✓ **Correct**

**22.** Problem 7: Which of the followings is the appropriate constraint syntax for problem 7:

1 / 1 point

- ☐ CONSTRAINT UniqueFacName  
UNIQUE
- ☐ CONSTRAINT UniqueLocName SET  
UNIQUE (FacName)

- ☒ CONSTRAINT UniqueFacName  
UNIQUE (FacName)
- ☐ CONSTRAINT UNIQUE (LocName)

☒ **Correct**