

 **Congratulations! You passed!**Grade received **81.81%** 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:

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

 **Correct****2. Problem 1: How many****1 / 1 point**

columns are in the Customer table:

- ☒ 9
- ☐ 7
- ☐ 10
- ☐ 8

 **Correct****3. Problem 1: How many****1 / 1 point**

constraint types are in the problem 1 statement:

- ☒ 2
- ☐ 1
- ☐ 4
- ☐ 3

 **Correct****4. Problem 1: Which****1 / 1 point**

constraints are required in problem 1 statement

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

 **Correct****5. Problem 1: Which of****1 / 1 point**

the followings is the most appropriate data type for address column:

- ☐ DATE
- ☐ DECIMAL
- ☐ VARCHAR2

☒ VARCHAR

☐ INTEGER

☒ Correct

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

1 / 1 point

☐ FacName

☐ CustNo

☒ FacNo

☐ No need for Primary key in this table

☒ Correct

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

1 / 1 point

☒ 2

☐ 4

☐ 3

☐ 1

☒ Correct

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

1 / 1 point

☐ 1

☐ 4

☐ 3

☒ 2

☒ Correct

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

1 / 1 point

☒ Primary key and NOT NULL constraints

☐ Check and NOT NULL constraints

☐ Foreign key and NOT NULL constraints

☐ Primary key and Foreign key constraints

☒ Correct

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

1 / 1 point

☐ BOOLEAN

☒ VARCHAR2

☐ INTEGER

☐ DECIMAL

✓ Correct

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

1 / 1 point

- ☐ LocName
- ☒ LocNo
- ☐ Location
- ☐ FacNo

✓ Correct

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

0 / 1 point

- ☒ 2
- ☐ 1
- ☐ 4
- ☐ 3

✗ Incorrect

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

1 / 1 point

- ☐ 3
- ☒ 2
- ☐ 4
- ☐ 1

✓ Correct

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

0 / 1 point

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

✗ Incorrect

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

1 / 1 point

- ☐ FLOAT
- ☐ INTEGER
- ☐ BOOLEAN
- ☒ VARCHAR2

✓ Correct

16. Problem 4: How many 1:M relationships are

0 / 1 point

16. Problem 3: How many relationships are there among the Customer, Facility and Location tables:

1 / 1 point

- ☐ 3
- ☐ 0
- ☐ 2
- ☒ 1

✓ Correct

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

1 / 1 point

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

✓ Correct

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

0 / 1 point

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

✗ Incorrect

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

0 / 1 point

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

✗ Incorrect

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

1 / 1 point

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

✓ Correct

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

1 / 1 point

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

✓ Correct

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

1 / 1 point

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

✓ Correct