



Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE

100%

Quiz for Module 3 practice problems

TOTAL POINTS 22

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

1 / 1 point

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

✓ Correct

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

1 / 1 point

- ☒ 9
- ☐ 8
- ☐ 7
- ☐ 10

✓ Correct

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

1 / 1 point

- ☐ 3
- ☐ 1
- ☐ 4
- ☒ 2

✓ Correct

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

1 / 1 point

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

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

✓ Correct

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

1 / 1 point

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

✓ Correct

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

1 / 1 point

- ☐ 3
- ☐ 1
- ☒ 2
- ☐ 4

✓ Correct

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

1 / 1 point

- ☐ 1
- ☐ 3
- ☐ 4
- ☒ 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
- ☐ Primary key and Foreign key constraints
- ☐ Foreign key 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
- ☐ INTEGER
- ☐ BOOLEAN
- ☐ DECIMAL

✓ Correct

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

1 / 1 point

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

✓ Correct

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

1 / 1 point

- ☒ 3
- ☐ 4
- ☐ 2
- ☐ 1

✓ Correct

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

1 / 1 point

- ☒ 2
- ☐ 1
- ☐ 4
- ☐ 3

✓ Correct

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

1 / 1 point

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

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

✓ Correct

16. Problem 4: How many 1-M 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

- ☐ Customer and Location
- ☐ Facility and Customer
- ☐ 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_FACNO FOREIGN KEY (FacNo) REFERENCES LOCATION (FacNo)
- ☒ CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (FacNo)
- ☐ CONSTRAINT FK_LOCNO FOREIGN KEY (LocNo) REFERENCES FACILITY (LocNo)
- ☐ CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (LocNo)

✓ 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 allowed in the foreign key column in Location table
- ☐ Each facility must have only one location
- ☒ Null values are not allowed in the foreign key column in Location table

✓ Correct

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

1 / 1 point

- ☐ UNIQUE constraint for FacNo
- ☐ Foreign key constraint for LocNo column
- ☒ NOT NULL constraint for FacNo 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

- ☐ Check constraint

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

✓ Correct

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

1 / 1 point

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

✓ Correct