Congratulations! You passed!
TO PASS 80% or higher

Keep Learning

GRADE
95.45%

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

- (•) CustNo
- ( ) CustName
- ( ) Phone
- ( ) Address

Correct

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

- ( ) 10
- (•) 9
- ( ) 8
- ( ) 7

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

- ( ) Primary key and Foreign key constraints
- ( ) Check and NOT NULL constraints
- (•) Primary key and NOT NULL constraints
- ( ) Foreign 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
- ( ) DATE
- ( ) INTEGER
- ( ) DECIMAL

DECIMAL

✓ Correct

6. Problem 2: Which column is the most appropriate to be a primary key in Facility table: 1 / 1 point

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

✓ 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

- Check and NOT NULL constraints
- Primary key and Foreign key constraints
- Primary key and NOT NULL 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 1 / 1 point

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

1 / 1 point

- FacNo
- (•) LocNo
- Location
- LocName

✓ **Correct**

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

1 / 1 point

- 4
- 1
- (•) 3
- 2

✓ **Correct**

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

1 / 1 point

- 3
- (•) 2
- 1
- 4

✓ **Correct**

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

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

1 / 1 point

- (•) VARCHAR2
- INTEGER
- BOOLEAN
- FLOAT

✓ **Correct**

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

1 / 1 point

- (•) 1
- 3
- 2
- 0

✓ Correct

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

- ○ Facility and Customer
- ◉ Facility and Location
- ○ There is no 1-M relationship among these tables
- ○ Customer 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_LOCNO FOREIGN KEY (LocNo) REFERENCES FACILITY (LocNo)
- ◉ CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (FacNo)
- ○ CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (LocNo)

✓ Correct

19. Problem 6: Which of the following statements is TRUE about problem 6: — 0 / 1 point

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

- ○ No need for additional constraints
- ○ Foreign key constraint for LocNo column
- ○ UNIQUE constraint for FacNo
- ◉ 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

- ○ Primary key constraint
- ○ Check constraint
- ◉ Unique constraint
- ○ Foreign key 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 UniqueFacName UNIQUE (FacName)
- CONSTRAINT UniqueFacName UNIQUE
- CONSTRAINT UNIQUE (LocName)

✓ **Correct**