



✓ **Congratulations! You passed!**

Next Item



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

1 / 1  
point

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

Correct



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

1 / 1  
point

- ☐ 7
- ☐ 8
- ☐ 10
- ☒ 9

Correct



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

1 / 1  
point

- ☐ 1
- ☐ 3
- ☒ 2
- ☐ 4

Correct



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

1 / 1  
point

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

Correct



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

1 / 1  
point

- ☒ VARCHAR2

Correct

- ☐ DATE
- ☐ DECIMAL
- ☐ INTEGER



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

1 / 1  
point

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

Correct

- ☐ CustNo



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

1 / 1  
point

- ☐ 3
- ☐ 1
- ☐ 4
- ☒ 2

Correct



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

1 / 1  
point

- ☒ 2

Correct

- ☐ 3
- ☐ 1
- ☐ 4



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
- ☐ Foreign key and NOT NULL constraints
- ☒ Primary 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

- ☐ BOOLEAN

1 point

- ☐ DECIMAL
- ☒ VARCHAR2

Correct

- ☐ INTEGER



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

1 / 1  
point

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

Correct



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

1 / 1  
point

- ☐ 4
- ☒ 3

Correct

- ☐ 1
- ☐ 2



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

0 / 1  
point

- ☒ 3

This should not be selected

- ☐ 4
- ☐ 1
- ☐ 2



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

1 / 1  
point

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

Correct

- ☐ INTEGER
- ☐ BOOLEAN
- ☐ FLOAT



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

1 / 1  
point

- ☐ 0
- ☐ 2
- ☒ 1

Correct

- ☐ 3



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

1 / 1  
point

- ☐ Customer and Location
- ☒ Facility and Location

Correct

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



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 (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

Correct

- ☐ Each facility must have only one location
- ☐ Null values are allowed in the foreign key column in Location table



1 / 1  
point

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

- ☐ No need for additional constraints
- ☒ NOT NULL constraint for FacNo column

Correct

- ☐ Foreign key constraint for LocNo column
- ☐ UNIQUE constraint for FacNo



1 / 1  
point

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

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

Correct

- ☐ Primary key constraint



1 / 1  
point

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

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

Correct