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

1 / 1 point

- ◯ Address
- ⦿ CustNo
- ◯ Phone
- ◯ CustName

✔ **Correct**

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

1 / 1 point

- ⦿ 9
- ◯ 10
- ◯ 7
- ◯ 8

✔ **Correct**

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

1 / 1 point

- ◯ 3
- ◯ 4
- ⦿ 2
- ◯ 1

✔ **Correct**

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

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

1 / 1 point

- ◯ DATE
- ◯ INTEGER
- ◯ DECIMAL
- ⦿ VARCHAR2

✔ **Correct**

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

1 / 1 point

- ⦿ FacNo

○ CustNo

○ No need for Primary key in
this table

○ FacName

✓ **Correct**

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

○ 1

○ 3

◉ 2

○ 4

✓ **Correct**

1 / 1 point

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

○ 1

◉ 2

○ 3

○ 4

✓ **Correct**

1 / 1 point

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

○ Foreign key and NOT NULL
constraints

◉ Primary key and NOT NULL
constraints

○ Primary key and Foreign key
constraints

○ Check and NOT NULL
constraints

✓ **Correct**

1 / 1 point

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

○ BOOLEAN

○ DECIMAL

○ INTEGER

◉ VARCHAR2

✓ **Correct**

1 / 1 point

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

○ FacNo

○ LocName

◉ LocNo

○ Location

✓ **Correct**

1 / 1 point

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

○ 2

1 / 1 point

○ 3

○ 4

○ 1

✓ **Correct**

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

                                                                   1 / 1 point

○ 3

○ 1

○ 4

◉ 2

✓ **Correct**

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14. Problem 3: Which
constraints are required in problem 3 statement   1 / 1 point

○ Primary key and Foreign key
   constraints

○ Foreign key and NOT NULL
   constraints

○ Check and NOT NULL
   constraints

◉ Primary key and NOT NULL
   constraints

✓ **Correct**

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15. Problem 3: Which of
the followings is the most appropriate data type for LocNAme column: 1 / 1 point

○ FLOAT

○ BOOLEAN

◉ VARCHAR2

○ INTEGER

✓ **Correct**

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

○ 0

○ 2

◉ 1

○ 3

✓ **Correct**

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

○ There is no 1-M relationship among these tables

○ Customer and Location

○ Facility and Customer

◉ Facility and Location

✓ **Correct**

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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 FACILITY (FacNo)

○ CONSTRAINT FK_FACNO FOREIGN KEY (FacNo)
  REFERENCES LOCATION (FacNo)

○ CONSTRAINT FK_FACNO FOREIGN KEY (FacNo)
  REFERENCES FACILITY (LocNo)

○ CONSTRAINT FK_LOCNO FOREIGN KEY (LocNo)
  REFERENCES FACILITY (LocNo)

⊘ **Correct**

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

1 / 1 point

○ Null values are 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 not allowed in the foreign key
  column in Location table

⊘ **Correct**

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

1 / 1 point

○ No need for additional constraints

○ UNIQUE constraint for FacNo

○ Foreign key constraint for LocNo column

◉ NOT NULL constraint for FacNo column

⊘ **Correct**

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

1 / 1 point

◉ Unique constraint

○ Foreign key constraint

○ Check constraint

○ Primary key constraint

⊘ **Correct**

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

1 / 1 point

○ CONSTRAINT UniqueFacName
  UNIQUE

◉ CONSTRAINT UniqueFacName
  UNIQUE (FacName)

○ CONSTRAINT UniqueLocName SET
  UNIQUE (FacName)

○ CONSTRAINT UNIQUE (LocName)

⊘ **Correct**