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 point**

- Phone
- CustNo
- Address
- CustName

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

- 7
- 9
- 10
- 8

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

- 1
- 4
- 2
- 3

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

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

- DATE
- VARCHAR2
- DECIMAL
- INTEGER

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

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

7. Problem 2: How many **1 point**

- DATE
- VARCHAR2
- DECIMAL

- ○ INTEGER

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

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

7. Problem 2: How many columns are in the Facility table: **1 point**

- ○ 1
- ◉ 2
- ○ 1

9. Problem 2: Which constraints are required in problem 2 statement **1 point**

- ◉ Primary key and NOT NULL constraints
- ○ Foreign key and NOT NULL constraints
- ○ Primary key and Foreign key constraints
- ○ Check and NOT NULL constraints

10. Problem 2: Which of the followings is the most appropriate data type for FacName column: **1 point**

- ○ BOOLEAN
- ◉ LocNo
- ○ Location
- ○ LocName
- ○ FacNo

12. Problem 3: How many columns are in the Location table: **1 point**

- ○ 1
- ○ 2
- ○ 4
- ◉ 3

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

- ○ 1
- ◉ 2
- ○ 3
- ○ 4

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

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

- ○ INTEGER
- ○ FLOAT
- ○ BOOLEAN
- ◉ VARCHAR2

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

- ○ 2
- ○ 1
- ○ 3
- ◉ 0

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

- ○ Customer and Location
- ◉ Facility and Location
- ○ There is no 1-M relationship among these tables
- ○ Facility and Customer

18. Problem 5: Which of the followings is the appropriate referential integrity constraint for problem 5: **1 point**

- ○ 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)
- ◉ CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (FacNo)

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

20. Problem 6: Which of the following constraints is the most appropriate addition in problem 6: **1 point**

- ○ Foreign key constraint for LocNo column
- ○ NOT NULL constraint for FacNo column
- ◉ No need for additional constraints
- ○ UNIQUE constraint for FacNo

21. Problem 7: Which of the following constraints is the most appropriate addition in problem 7: **1 point**

- ○ Primary key constraint
- ○ Foreign key constraint
- ◉ Unique constraint

- ◯ Check constraint

22. Problem 7: Which of the followings is the appropriate constraint syntax for problem 7: **1 point**

- ◉ CONSTRAINT UniqueFacName UNIQUE (FacName)
- ◯ CONSTRAINT UniqueLocName SET UNIQUE (FacName)
- ◯ CONSTRAINT UniqueFacName UNIQUE
- ◯ CONSTRAINT UNIQUE (LocName)

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