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**

- (●) CustNo
- ( ) CustName
- ( ) Address
- ( ) Phone

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

- ( ) 8
- (●) 9
- ( ) 7
- ( ) 10

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

- (●) 2
- ( ) 3
- ( ) 4
- ( ) 1

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

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

- ( ) INTEGER
- (●) VARCHAR2
- ( ) DECIMAL
- ( ) DATE

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

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

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

- [ ] 3
- [ ] 4
- [x] 2
- [ ] 1

8. Problem 2: How many constraint types are in the problem 2 statement: **1 point**

- [ ] 4
- [x] 2
- [ ] 1
- [ ] 3

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

- [ ] Primary key and Foreign key constraints
- [x] Primary key and NOT NULL constraints
- [ ] Foreign key and NOT NULL constraints
- [ ] Check and NOT NULL constraints

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

- [x] VARCHAR2
- [ ] DECIMAL
- [ ] BOOLEAN
- [ ] INTEGER

11. Problem 3: Which column is the most appropriate to be a primary key in Location table: **1 point**

- [x] LocNo
- [ ] FacNo
- [ ] LocName
- [ ] Location

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

- [x] 3
- [ ] 1
- [ ] 4
- [ ] 2

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

- [ ] 1
- [ ] 4
- [ ] 3
- [x] 2

14. Problem 3: Which **1 point**

1 point

constraints are required in problem 3 statement

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

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

- INTEGER
- VARCHAR2
- BOOLEAN
- FLOAT

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

- 0
- 3
- 2
- 1

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

- There is no 1-M relationship among these tables
- Customer and Location
- Facility and Location
- 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 FACILITY (LocNo)
- 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 LOCATION (FacNo)

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

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

- [x] Unique constraint
- [ ] Check constraint
- [ ] Primary key constraint
- [ ] Foreign key constraint

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

- [ ] CONSTRAINT UNIQUE (LocName)
- [ ] CONSTRAINT UniqueFacName UNIQUE
- [x] CONSTRAINT UniqueFacName UNIQUE (FacName)
- [ ] CONSTRAINT UniqueLocName SET UNIQUE (FacName)

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