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
- CustName
- CustNo
- Address

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

- 9
- 7
- 10
- 8

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

- 2
- 1
- 4
- 3

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

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

- DECIMAL
- INTEGER
- VARCHAR2
- DATE

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

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

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

- 1
- 3

- [x] 2
- [ ] 4

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

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

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

- [x] Primary key and NOT NULL constraints
- [ ] Primary key and Foreign key 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
- [ ] BOOLEAN
- [ ] INTEGER
- [ ] DECIMAL

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

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

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

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

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

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

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

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

- ( ) FLOAT
- ( ) INTEGER
- (•) VARCHAR2
- ( ) BOOLEAN

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 Customer
- (•) Facility and Location

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

- ( ) CONSTRAINT FK_LOCNO FOREIGN KEY (LocNo) REFERENCES FACILITY (LocNo)
- ( ) CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES LOCATION (FacNo)
- (•) CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (FacNo)
- ( ) CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (LocNo)

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

- ( ) 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
- ( ) Each facility must have only one location
- ( ) Any location may not belong to more than one facility

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

- ( ) UNIQUE constraint for FacNo
- ( ) Foreign key constraint for LocNo column
- (•) NOT NULL constraint for FacNo column
- ( ) No need for additional constraints

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

- ( ) Foreign key constraint

Foreign key constraint

Check constraint

Unique constraint

Primary key constraint

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

1 point

CONSTRAINT UniqueFacName UNIQUE

CONSTRAINT UniqueLocName SET UNIQUE (FacName)

CONSTRAINT UniqueFacName UNIQUE (FacName)

CONSTRAINT UNIQUE (LocName)

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