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
   - ( ) CustName
   - ( ) Address

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

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   - ( ) 10
   - ( ) 7
   - ( ) 8

3. Problem 1: How many
constraint types are in the problem 1 statement: — 1 point
   - ( ) 4
   - ( ) 1
   - (●) 2
   - ( ) 3

4. Problem 1: Which
constraints are required in problem 1 statement — 1 point
   - ( ) Check and NOT NULL constraints
   - ( ) Primary key and Foreign key constraints

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   - ( ) Foreign key and NOT NULL constraints

5. Problem 1: Which of
the followings is the most appropriate data type for address column: — 1 point
   - ( ) INTEGER
   - ( ) DATE
   - ( ) DECIMAL
   - (●) VARCHAR2

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

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7. Problem 2: How many
columns are in the Facility table: — 1 point
   - (●) 2
   - ( ) 3
   - ( ) 4
   - ( ) 1

8. Problem 2: How many
constraint types are in the problem 2 statement: — 1 point
   - ( ) 1
   - (●) 2
   - ( ) 4
   - ( ) 3

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

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   - ( ) Primary key and Foreign key constraints
   - (●) Primary 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
   - ( ) BOOLEAN
   - ( ) INTEGER
   - ( ) DECIMAL
   - (●) VARCHAR2

11. Problem 3: Which
column is the most appropriate to be a primary key in Location table: — 1 point
   - (●) LocNo

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   - ( ) FacNo
   - ( ) Location

12. Problem 3: How many
columns are in the Location table: — 1 point
   - ( ) 2
   - ( ) 4
   - (●) 3
   - ( ) 1

13. Problem 3: How many
constraint types are in the problem 3 statement: — 1 point
   - ( ) 3
   - ( ) 1
   - (●) 2
   - ( ) 4

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14. Problem 3: Which
constraints are required in problem 3 statement — 1 point
   - ( ) Check and NOT NULL constraints
   - ( ) Foreign key and NOT NULL constraints
   - (●) Primary 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
   - (●) VARCHAR2
   - ( ) BOOLEAN
   - ( ) FLOAT
   - ( ) INTEGER

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   - ( ) 0
   - ( ) 2
   - (●) 1
   - ( ) 3

17. Problem 4: Which of the following tables have
1-M relationship: — 1 point
   - ( ) Facility and Customer
   - (●) Facility and Location
   - ( ) Customer and Location
   - ( ) 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 point
   - ( ) CONSTRAINT FK_LOCNO FOREIGN KEY (LocNo)

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REFERENCES FACILITY (FacNo)
   - ( ) CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES LOCATION (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
   - ( ) Each facility must have only one location
   - (●) 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
   - ( ) 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

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   - ( ) Foreign key constraint for LocNo column
   - ( ) No need for additional constraints

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the following constraints is the most appropriate addition in problem 7:
   - ( ) Check constraint
   - ( ) Foreign key constraint
   - (●) Unique constraint
   - ( ) Primary key constraint

22. Problem 7: Which of
the followings is the appropriate constraint
syntax for problem 7: — 1 point
   - ( ) CONSTRAINT UniqueLocName SET UNIQUE (FacName)
   - ( ) CONSTRAINT UNIQUE (LocName)
   - (●) CONSTRAINT UniqueFacName UNIQUE (FacName)
   - ( ) CONSTRAINT UniqueFacName UNIQUE

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