

Quiz for Module 3 practice problems

Total points 22

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1. Problem 1 point
- 1: Which column is the most appropriate to be a primary key in Customer table:
- ☒ CustNo
 - ☐ Address
 - ☐ CustName
 - ☐ Phone
2. Problem 1: How many columns are in the Customer table: 1 point
- ☐ 7
 - ☐ 8
 - ☒ 9
 - ☐ 10
3. Problem 1: How many constraint types are in the problem 1 statement: 1 point
- ☒ 3
 - ☐ 2
 - ☐ 4
 - ☐ 1
4. Problem 1: Which constraints are required in problem 1 statement 1 point
- ☐ Primary key and Foreign key constraints
 - ☐ Check and NOT NULL constraints
 - ☐ Foreign key 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
- ☐ DECIMAL
 - ☒ VARCHAR2
 - ☐ INTEGER
 - ☐ DATE
6. Problem 2: Which column is the most appropriate to be a primary key in Facility table: 1 point
- ☐ FacName
 - ☐ CustNo
 - ☐ No need for Primary key in this table
 - ☒ FacNo
7. Problem 2: How many columns are in the Facility table: 1 point
- ☐ 1
 - ☐ 4

-
- ☒ 2
- ☐ 3

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

1 point

- ☐ 4
- ☐ 3
- ☐ 1
- ☒ 2

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

1 point

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

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

1 point

- ☐ BOOLEAN
- ☒ VARCHAR2
- ☐ INTEGER
- ☐ DECIMAL

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

1 point

- ☒ LocNo
- ☐ LocName
- ☐ Location
- ☐ FacNo

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

1 point

- ☐ 1
- ☐ 2
- ☒ 3
- ☐ 4

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

- ☐ Foreign key and NOT NULL constraints
- ☒ Primary key and NOT NULL constraints

- ☐ Check 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
- ☐ BOOLEAN
- ☐ INTEGER
- ☒ VARCHAR2

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

1 point

- ☐ 2
- ☐ 3
- ☒ 1
- ☐ 0

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

1 point

- ☐ Customer and Location
- ☒ Facility and Customer
- ☐ Facility 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_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (LocNo)
- ☐ 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)

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

1 point

- ☐ Any location may not belong to more than one facility
- ☒ Null values are not allowed in the foreign key column in Location table
- ☐ Each facility must have only one location
- ☐ 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

- ☒ NOT NULL constraint for FacNo column
- ☐ No need for additional constraints
- ☐ UNIQUE constraint for FacNo
- ☐ Foreign key constraint for LocNo column

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

1 point

- ☐ Check constraint

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- ☐ Foreign key constraint
- ☐ Primary key constraint
- ☒ Unique constraint

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

1 point

- ☐ CONSTRAINT UNIQUE (LocName)
- ☐ CONSTRAINT UniqueLocName SET UNIQUE (FacName)
- ☐ CONSTRAINT UniqueFacName UNIQUE (FacName)
- ☒ CONSTRAINT UniqueFacName UNIQUE

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