Question 1

Problem 1: Which column is the most appropriate to be a primary key in Customer table:

1 / 1 point

○ CustName

○ Address

◉ CustNo

○ Phone

Correct

Question 2

Problem 1: How many columns are in the Customer table:

1 / 1 point

○ 8

◉ 9

○ 10

○ 7

Correct

Question 3

Problem 1: How many constraint types are in the problem 1 statement:

1 / 1 point

◉ 2

○ 4

○ 3

○ 1

Correct

Question 4

Problem 1: Which constraints are required in problem 1 statement

1 / 1 point

○ Check and NOT NULL constraints

○ Primary key and Foreign key constraints

○ Foreign key and NOT NULL constraints

◉ Primary key and NOT NULL constraints

Correct

Question 5

Problem 1: Which of the followings is the most appropriate data type for address column:

1 / 1 point

○ DECIMAL

○ INTEGER

○ DATE

◉ VARCHAR2

Correct

Question 6

Problem 2: Which column is the most appropriate to be a primary key in Facility table:

1 / 1 point

○ CustNo

○ FacName

◉ FacNo

○ No need for Primary key in this table

Correct

Question 7

Problem 2: How many columns are in the Facility table:

1 / 1 point

◉ 2

○ 3

○ 4

○ 1

Correct

Question 8

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

1 / 1 point

○ 1

◉ 2

○ 3

○ 4

Correct

Question 9

Problem 2: Which constraints are required in problem 2 statement

1 / 1 point

◉ Primary key and NOT NULL constraints

○ Check and NOT NULL constraints

○ Foreign key and NOT NULL constraints

○ Primary key and Foreign key constraints

Correct

Question 10

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

1 / 1 point

○ INTEGER

○ DECIMAL
○ BOOLEAN
◉ VARCHAR2
Correct

Question 11

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

1 / 1 point
○ Location
○ FacNo
◉ LocNo
○ LocName
Correct

Question 12

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

1 / 1 point
◉ 3
○ 4
○ 1
○ 2
Correct

Question 13

Problem 3: How many constraint types are in the problem 3 statement:

1 / 1 point
○ 1
◉ 2
○ 4
○ 3
Correct

Question 14

Problem 3: Which constraints are required in problem 3 statement

1 / 1 point
◉ Primary key and NOT NULL constraints
○ Check and NOT NULL constraints
○ Foreign key and NOT NULL constraints
○ Primary key and Foreign key constraints
Correct

Question 15

Problem 3: Which of the followings is the most appropriate data type for LocNAme column:

○

1 / 1 point

○ BOOLEAN

○ INTEGER

○ FLOAT

◉ VARCHAR2

Correct

Question 16

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

1 / 1 point

○ 3

○ 0

◉ 1

○ 2

Correct

Question 17

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

1 / 1 point

○ There is no 1-M relationship among these tables

◉ Facility and Location

○ Facility and Customer

○ Customer and Location

Correct

Question 18

Problem 5: Which of the followings is the appropriate referential integrity constraint for problem 5:

1 / 1 point

◉ CONSTRAINT FK_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (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 LOCATION (FacNo)

Correct

Question 19

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

1 / 1 point

○ Each facility must have only one location

○ Null values are allowed in the foreign key column in Location table

○ Any location may not belong to more than one facility

◉ Null values are not allowed in the foreign key column in Location table

Correct

Question 20

Problem 6: Which of the following constraints is the most appropriate addition in problem 6:

1 / 1 point

○ No need for additional constraints

○ Foreign key constraint for LocNo column

◉ NOT NULL constraint for FacNo column

○ UNIQUE constraint for FacNo

Correct

Question 21

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

1 / 1 point

◉ Unique constraint

○ Foreign key constraint

○ Primary key constraint

○ Check constraint

Correct

Question 22

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

1 / 1 point

○ CONSTRAINT UniqueFacName UNIQUE

◉ CONSTRAINT UniqueFacName UNIQUE (FacName)

○ CONSTRAINT UNIQUE (LocName)

○ CONSTRAINT UniqueLocName SET UNIQUE (FacName)

Correct