## Quiz for Module 3 practice problems

**Total points**22

### 1.

Question 1

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

**1 / 1 point**



Phone



Address



CustNo



CustName

**Correct**

### 2.

Question 2

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

**1 / 1 point**



7



9



10



8

**Correct**

### 3.

Question 3

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

**1 / 1 point**



4



1



2



3

**Correct**

### 4.

Question 4

Problem 1: Which constraints are required in problem 1 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**

### 5.

Question 5

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

**1 / 1 point**



DATE



VARCHAR2



DECIMAL



INTEGER

**Correct**

### 6.

Question 6

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

**1 / 1 point**



No need for Primary key in this table



CustNo



FacName



FacNo

**Correct**

### 7.

Question 7

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

**1 / 1 point**



1



2



3



4

**Correct**

### 8.

Question 8

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

**1 / 1 point**



3



2



1



4

**Correct**

### 9.

Question 9

Problem 2: Which constraints are required in problem 2 statement

**1 / 1 point**



Primary key and Foreign key constraints



Foreign key and NOT NULL constraints



Primary key and NOT NULL constraints



Check and NOT NULL constraints

**Correct**

### 10.

Question 10

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

**1 / 1 point**



DECIMAL



BOOLEAN



INTEGER



VARCHAR2

**Correct**

### 11.

Question 11

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

**1 / 1 point**



LocNo



Location



LocName



FacNo

**Correct**

### 12.

Question 12

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

**1 / 1 point**



1



2



3



4

**Correct**

### 13.

Question 13

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

**1 / 1 point**



2



3



1



4

**Correct**

### 14.

Question 14

Problem 3: Which constraints are required in problem 3 statement

**1 / 1 point**



Primary key and Foreign key constraints



Primary key and NOT NULL constraints



Foreign key and NOT NULL constraints



Check and NOT NULL constraints

**Correct**

### 15.

Question 15

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

**1 / 1 point**



BOOLEAN



VARCHAR2



INTEGER



FLOAT

**Correct**

### 16.

Question 16

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

**0 / 1 point**



0



3



2



1

**Incorrect**

### 17.

Question 17

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

**1 / 1 point**



Customer and Location



Facility and Location



There is no 1-M relationship among these tables



Facility and Customer

**Correct**

### 18.

Question 18

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

**0 / 1 point**



CONSTRAINT FK\_LOCNO FOREIGN KEY (LocNo) REFERENCES FACILITY (LocNo)



CONSTRAINT FK\_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (LocNo)



CONSTRAINT FK\_FACNO FOREIGN KEY (FacNo) REFERENCES FACILITY (FacNo)



CONSTRAINT FK\_FACNO FOREIGN KEY (FacNo) REFERENCES LOCATION (FacNo)

**Incorrect**

### 19.

Question 19

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

**0 / 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



Any location may not belong to more than one facility



Each facility must have only one location

**Incorrect**

### 20.

Question 20

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

**0 / 1 point**



NOT NULL constraint for FacNo column



No need for additional constraints



UNIQUE constraint for FacNo



Foreign key constraint for LocNo column

**Incorrect**

### 21.

Question 21

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

**1 / 1 point**



Check constraint



Primary key constraint



Foreign key constraint



Unique constraint

**Correct**

### 22.

Question 22

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

**1 / 1 point**



CONSTRAINT UniqueFacName UNIQUE (FacName)



CONSTRAINT UniqueFacName UNIQUE



CONSTRAINT UNIQUE (LocName)



CONSTRAINT UniqueLocName SET UNIQUE (FacName)

**Correct**