

Q1 to Q13 have only one correct answer. Choose the correct option to answer your question.

- Answer: Option (d)**

- Answer: Option (c)**

- Answer: Option (a)**

- Answer: Option (a)**

- Answer: Option (b)**

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graph TD
    Supplier[Supplier] --> Delivery[Delivery]
    Delivery --> OrderDetailDelivery[Order Detail Delivery]
    OrderDetailDelivery --> Product[Product]
    OrderDetailDelivery --> OrderDetail[Order Detail]
    OrderDetail --> Order[Order]
    OrderDetail --> Branch[Branch]
    OrderDetail --> Headquarters[Headquarters]
```

The diagram illustrates the following entities and their attributes:

- Supplier**: delivery id, delivery date, supplier id
- Delivery**: delivery id, delivery date, supplier id
- Order Detail Delivery**: delivery id, order id, order detail id
- Product**: product id, supplier id
- Order Detail**: order detail id, product id, order id, product quantity
- Order**: order id, order date, headquarters id
- Branch**: branch id
- Headquarters**: headquarters id, branch id

The relationships are defined as follows:

- Supplier to Delivery**: One-to-one relationship.
- Delivery to Order Detail Delivery**: One-to-one relationship.
- Order Detail Delivery to Product**: One-to-one relationship.
- Order Detail Delivery to Order Detail**: One-to-one relationship.
- Order Detail to Order**: One-to-one relationship.
- Order Detail to Branch**: One-to-one relationship.
- Order Detail to Headquarters**: One-to-one relationship.

6. How many foreign keys are there in the Supplier table?
A) 0 B) 3

C) 2

D) 1

Answer: Option (c)

7. The type of relationship between Supplier table and Product table is:

A) one to many

B) many to one

C) one to one

D) many to many

Answer: Option (a)

8. The type of relationship between Order table and Headquarter table is:

A) one to many

B) many to one

C) one to one

D) many to many

Answer: Option (c)

9. Which of the following is a foreign key in Delivery table?

A) delivery id

B) supplier id

C) delivery date

D) None of them

Answer: Option (b)

10. The number of foreign keys in order details is:

A) 0

B) 1

C) 3

D) 2

Answer: Option (d)

11. The type of relationship between Order Detail table and Product table is:

A) one to many

B) many to one

C) one to one

D) many to many

Answer: Option (b)

12. DDL statements perform operation on which of the following database objects?

A) Rows of table

B) Columns of table

C) Table

D) None of them

Answer: Option (c)

13. Which of the following statement is used to enter rows in a table?

A) Insert in to

B) Update

C) Enter into

D) Set Row

Answer: Option (a)

Q14 and Q15 have one or more correct answer. Choose all the correct option to answer your question.

14. Which of the following is/are entity constraints in SQL?

A) Duplicate

B) Unique

C) Primary Key

D) Null

Answer: Option (b)

15. Which of the following statements is an example of semantic Constraint?

A) A blood group can contain one of the following values - A, B, AB and O.

B) A blood group can only contain characters

C) A blood group cannot have null values

D) Two or more donors can have same blood group

Answer: Option (a & d)