**Question1 (Constraints)-**

1. Primary Key:

Table name Column name

User\_type id

Users id

Address id

Category id

Product id

Product\_category\_relation (product\_id, category\_id)

Image id

Orders id

Items\_status (order\_id,product\_id)

1. Not Null

Table name Column name

User\_type title

Users first\_name, user\_password, email-id

Address user\_id, area, city, state, country, pin\_code

Category title

Product title, amount, stock, arrival\_date

Product\_category\_relation product\_id, category\_id

Image title, product\_id, url

Orders user-id, total\_amount, placed\_date, address\_id

Items\_status order\_id, product\_id, quantity

1. Default

Table name Column name

Address country = “india”

Category parent\_category = null

Items\_status ship\_date = null, deliver\_date = null

1. Foreign Key

Table name Column name

Users user\_type

Address user\_id

Category parent\_category

Product\_category\_relation product\_id, category\_id

Image product\_id

Orders address\_id, user\_id

Items\_status order\_id, product\_id

1. Unique

Table name Column name

User\_type title

Users email-id

Category title

Product title

Image title

1. Check

Table name Column name

Items\_status status