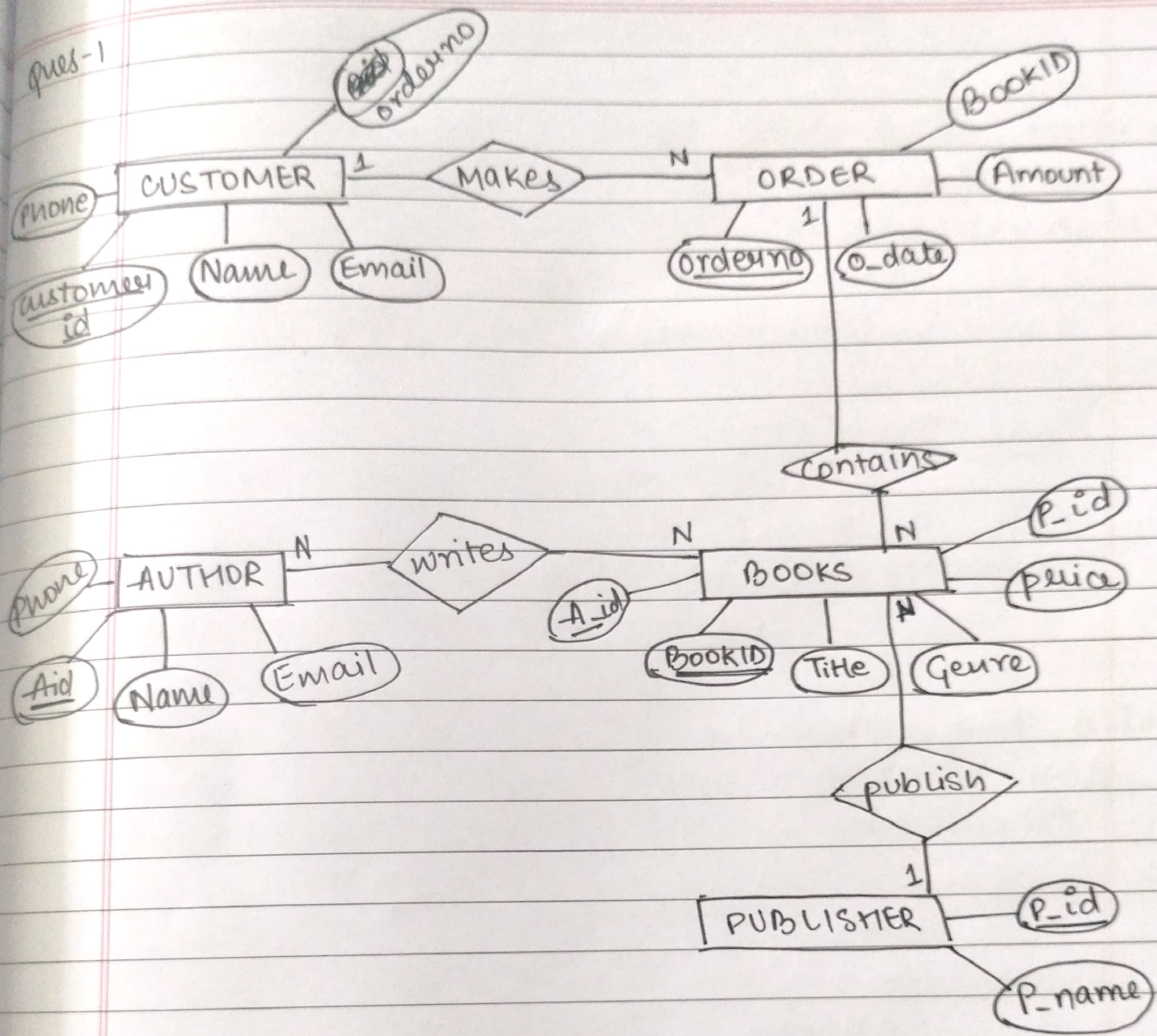


ques-1



Customer	Order	Books
customerid (P.K)	orderno (P.K)	bookid (PK)
Name	odate	Title
Email	Amount	Genre
Phone	bookid (F.K)	price
Order No (F.K)		P_id (F.K)
		A_id (F.K)

Author	Publisher
A_id (P.K)	P_id (P.K)
Name	P_name
Phone	
Email	

Initial Schema

Customer Table

C_id (P.K)
Name (Atomic)
Phone-no (Non-Atomic)
Email

Book Table

B_id (P.K)
Name (Atomic)
Genre (Atomic)
Price (Atomic)
title (Atomic)

1NF

Table Customer

C_id (P.K)
Name (Atomic)
Phone (Atomic)

Table Order

order_id (P.K)
book id (F.K)
quantity

Table Book

B_id (P.K)
Name (Atomic)
Genre (Atomic)
Price (Atomic)

2nd Normal Form.

Table customer

- Cid (PK)
- Name (Atomic)
- Phone no (Atomic)
- Email (Atomic)

Table Order.

- Order ID
- CustomerID

Table Order-details

- OrderID (FK)
- BookID (F.K)
- Quantity (Atomic)
- Order-no (P.K)

Table Book.

- BookID (P.K)
- Name (Atomic)
- Genre (Atomic)
- Price (Atomic).

3rd Normal Form

Table customer

c_id (P.K)

Name (Atomic)

Phone number (Atomic)

Table order (2NF)

• o_id

• customer_id

Table book

b_id (P.K)

Name (Atomic)

Genre (Atomic)

Price (Atomic)

Table customer-order

• order_id (F.K)

• c_id (F.K)