

I.CREATING TABLES

Create a PRODUCT relational model using SQL :

```
CREATE TABLE PRODUCT (  
    Product_id VARCHAR2(20) PRIMARY KEY,  
    Product_name VARCHAR2(20) NOT NULL,  
    Price NUMBER CHECK (Price > 0)  
);
```

Create a CUSTOMER relational model using SQL :

```
CREATE TABLE CUSTOMER (  
    Customer_id VARCHAR2(20) PRIMARY KEY,  
    Customer_name VARCHAR2(20) NOT NULL,  
    Customer_tel NUMBER  
);
```

Create ORDERS relational model using SQL :

```
CREATE TABLE ORDERS (  
    Customer_id VARCHAR2(20) PRIMARY KEY,  
    Product_id VARCHAR2(20),  
    Quantity NUMBER,  
    Total_amount NUMBER,  
    FOREIGN KEY (Customer_id) REFERENCES Customer (Customer_id),  
    FOREIGN KEY (Product_id) REFERENCES Product (Product_id)  
);
```

II.ADDING COLUMNS

Add a column Category (VARCHAR2(20)) to the PRODUCT table :

```
ALTER TABLE Product ADD Category VARCHAR2(20) ;
```

Add a column OrderDate (DATE) to the ORDERS table having SYSDATE as the default value :

```
ALTER TABLE Orders ADD OrderDate DATE DEFAULT SYSDATE;
```