Data definition language (ddl) checkpoint

**1. You are asked to create the above given relational model using SQL language and based on the different mentioned constraints :**

**CREATE TABLE Product(**

**Product\_id VARCHAR2(20) PRIMARY KEY,**

**Product\_Name VARCHAR2(20) NOT NULL,**

**Price NUMBER CHECK(Price > 0)**

**) ;**

**CREATE TABLE Customer(**

**Customer\_id VARCHAR2(20) PRIMARY KEY,**

**Customer\_Name VARCHAR2(20) NOT NULL,**

**Customer\_Tel NUMBER**

**) ;**

**CREATE TABLE Orders(**

**Customer\_id VARCHAR2(20) PRIMARY KEY,**

**Product\_id VARCHAR2(20),**

**Quantity NUMBER,**

**Total\_amount NUMBER,**

**FOREIGN KEY (Customer\_id) REFERENCES Customers (Customer\_id),**

**FOREIGN KEY (Product\_id REFERENCES Product (Product\_id)**

**) ;**

**2.**  **After creating tables, write SQL commands to:**

o **Add a column Category (VARCHAR2(20)) to the PRODUCT table.** o **Add a column OrderDate (DATE) to the ORDERS table which have SYSDATE as a default value.**

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

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

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