

NAME – Panthiv Patel

ROLL NO- 72

FYCS

ASSIGNMENT 3

Q1) CREATE THE FOLLOWING TABLES

1)

```
SQL> create table BOOK_72(BOOKID VARCHAR(10) PRIMARY KEY,TITLE VARCHAR(50) NOT NULL,PUBLISHER VARCHAR(30) NOT NULL,CATEGORY VARCHAR(30) NOT NULL, YEAR VARCHAR(15) NOT NULL,PRICE NUMBER(8) CHECK(PRICE > 0));
```

```
SQL> desc Book_72;
```

Name	Null?	Type
BOOKID	NOT NULL	VARCHAR2(10)
TITLE	NOT NULL	VARCHAR2(50)
PUBLISHER	NOT NULL	VARCHAR2(30)
CATEGORY	NOT NULL	VARCHAR2(30)
YEAR	NOT NULL	VARCHAR2(15)
PRICE		NUMBER(8)

2)

```
SQL> create table distributor_72 (distid varchar(6) primary key, distributor varchar(20) not null, city varchar(30) default 'Mumbai' ,discount varchar(30) default 15, credit varchar(15), check (credit>0));
```

Table created.

```
SQL> desc distributor_72;
```

Name	Null?	Type
DISTID	NOT NULL	VARCHAR2(6)
DISTRIBUTOR	NOT NULL	VARCHAR2(20)
CITY		VARCHAR2(30)
DISCOUNT		VARCHAR2(30)
CREDIT		VARCHAR2(15)

3)

```
SQL> CREATE TABLE ORDERS_72(ORDNO VARCHAR(20) PRIMARY KEY,TITLE VARCHAR(30) NOT NULL,DISTID VARCHAR(30) REFERENCES DISTRIBUTOR_72(DISTID),QTY VARCHAR(15) CHECK(QTY>0),BOOKID VARCHAR(10) REFERENCES BOOK_72(BOOKID));
```

Table created.

```
SQL> desc orders_72;
```

Name	Null?	Type
ORDNO	NOT NULL	VARCHAR2(20)
TITLE	NOT NULL	VARCHAR2(30)
DISTID		VARCHAR2(30)
QTY		VARCHAR2(15)
BOOKID		VARCHAR2(10)

Q2)ANSWER THE FOLLOWING QUERIES

1)

```
SQL> alter table orders_72  
2  rename to Order_Details;  
  
Table altered.
```

2)

```
SQL> alter table book_72  
2  add author varchar(20);  
  
Table altered.
```

3)

```
SQL> alter table distributor_72  
2  drop column credit;  
  
Table altered.
```

4)

```
SQL> alter table distributor_72  
2  modify city varchar(15);  
  
Table altered.
```

5)

```
SQL> alter table Order_Details  
2  add datee date not null;  
  
Table altered.
```