**HINTS FOR ASSIGNMENTS 11 AND 12**

Q. Create a table ITEM with suitable data type and size of each column.

Ans. CREATE TABLE ITEM(

Itemnumber INTEGER,

Itemname VARCHAR(15),

Price DECIMAL(10,2),

Quantity INTEGER);

Q. Insert (1, LAPTOP, 80000, 5) record into the table.

Ans. INSERT INTO ITEM(Itemnumber, Itemname, Price, Quantity)

VALUES(1,'LAPTOP', 80000, 5);

Q. List the items starting with 'c' using wildcard.

Ans. SELECT \* FROM ITEM WHERE Itemname LIKE 'C%';

Q. Change the price of mobile to 30000 and quantity to 6.

Ans. UPDATE ITEM SET Price=30000, Quantity=6

WHERE Itemname='MOBILE';

Q. Create a table CUSTOMER with suitable data type and size of each column.

Ans. CREATE TABLE CUSTOMER(

CUSTOMERNUMBER INTEGER,

CUSTOMERNAME VARCHAR(15),

MOBILENUMBER INTEGER,

POINTS INTEGER);

Q. Insert (1,'LARRY',1234567890,20) record into the table.

Ans.

INSERT INTO CUSTOMER(CUSTOMERNUMBER, CUSTOMERNAME, MOBILENUMBER, POINTS)

VALUES (1,'LARRY',1234567890,20);

Q. Add a column DISCOUNT in the table.

Ans. ALTER TABLE CUSTOMER

ADD DISCOUNT INTEGER;

Q. Insert calculated discount as points\*10 for each record.

Ans. UPDATE CUSTOMER SET DISCOUNT=POINTS\*10;

Q. Delete Larry's record as he is no longer a customer.

Ans. DELETE FROM CUSTOMER WHERE CUSTOMERNAME='LARRY';

Q. Count number of customers getting each value of DISCOUNT.

Ans. SELECT COUNT(\*) AS CUSTOMER\_COUNT, DISCOUNT FROM CUSTOMER GROUP BY DISCOUNT;