SQL Questions.

1 **(i)**
```
SELECT NAME
FROM Doctor
WHERE DEPT = "MEDICINE" AND EXPERIENCE > 10;
```

(ii)
```
SELECT MIN(ALLOWANCE)
From Doctor D, SALARY S
WHERE SEX = "F" AND D.ID = S.ID;
```

(iii)
```
SELECT MAX (CONSULTATION)
FROM Doctor D, SALARY S
WHERE SEX = "M" AND D.ID = S.ID;
```

(iv)
```
SELECT NAME, DEPT
FROM Doctor
WHERE SEX = "F";
```

(v)
```
INSERT INTO Doctor
VALUES (112, 'Harry', 'ENT', 'M', 15);
```

2. **(i)**
```
SELECT *
FROM CUSTOMER
WHERE City = "Delhi";
```

I_ID,

(ii)
```
SELECT CustomerName, City, ItemName, Price, I_ID
FROM CUSTOMER C, ITEM I
WHERE C.I_ID = I.I_ID;
```

(iii)
```
UPDATE ITEM
SET Price = Price + 1000;
```

(iv) SELECT City, COUNT *   Count (DISTINCT City)
      FROM CUSTOMER
      ~~WHERE~~ GROUP BY City;

(v)   UPDATE CUSTOMER
      SET City = "Faridabad"
      WHERE City = "Delhi";

3 (i) SELECT RecID, SenderName, SenderAddress, RecName,
       RecAddress
       FROM RECIPIENT R, SENDER S
       WHERE R.SenderID = S.SenderID

(ii)   SELECT *
       FROM RECIPIENT
       ORDER BY RecNAME;

~~(iii) SELECT SenderCity, COUNT *~~
~~FR~~

(iii) SELECT RecCity, COUNT (*)
       FROM RECIPIENT
       GROUP BY RecCity;

(iv)   SELECT SenderName, SenderAddress
       FROM SENDER S, RECIPIENT R
       WHERE S.SenderID = R.SenderID AND RecCity = "New Delhi";

(v)   SELECT SenderName, SenderAddress
       FROM SENDER
       WHERE SenderID = "NDO1";

4 (i)
```
SELECT *
FROM WORKER
ORDER BY DOB DESC;
```
✓

(ii)
```
SELECT NAME, DESIGN
FROM WORKER
WHERE PLEVEL = POO1, POO2;
```
IN ('POO1', 'POO2')

Plevel = 'POO1' OR Plevel = 'POO2'

(iii)
```
INSERT INTO WORKER
VALUES (19, 'Daya Kishore', 'Operator', 'POO3', '19-Jun-2008',
'11-Jul-1984");
```
✓

(iv)
```
SELECT MAX(PAY), MIN(PAY)
FROM PAYLEVEL;
```
✓

(v)
```
SELECT *
FROM WORKER
WHERE DESIGN = "Supervisor";
```
✓