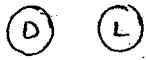


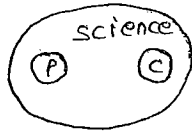
## Logical venn diagrams :-

### 1. Statements to diagrams :-

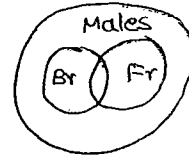
In each of the following questions three items are given and that follows some possible diagram then choose correct alternative with respect to the given above.



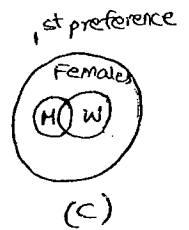
(a)



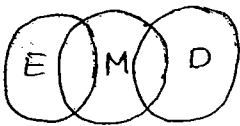
(b)



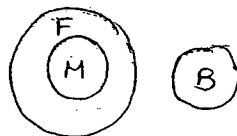
(c)



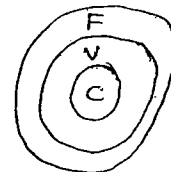
(d)



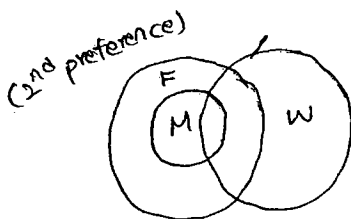
(e)



(f)



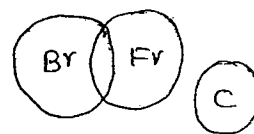
(g)



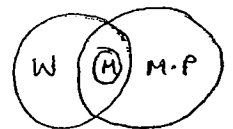
(h)



(i)



(j)



(k)

- a) Doctors, Lawyers and Engineers  
 c) Brothers, males and fathers  
 b) Science, physics and chemistry

h) cricket players, match fixers, Indians.

f) carrots, vegetables and food

c) Mothers, widows and Females, (g)  $\rightarrow$  2<sup>nd</sup> preference (widow and widower are same & go to this of

h) cricket players, tennis fans, Indians

j) Mothers, married people and women

d) Males, doctors, Engineers

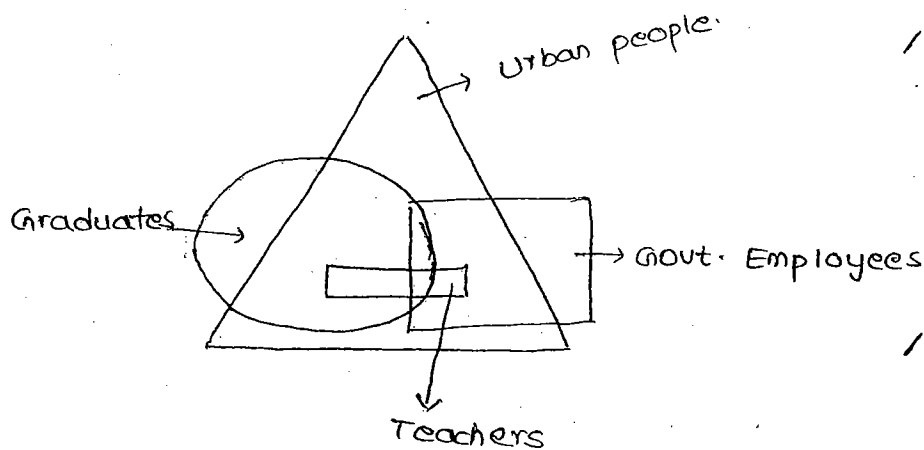
e) Mothers, females, Books

g) Fathers, males and Engineers

i) Brothers, Fathers and cars

2. Diagram to statement:-

Study the following diagram carefully and answer the question that follows.



1. At which of the following statements are definitely true. [d]

A) All graduates are urban people

B) All government employees are urban people

C) All urban peoples are teachers

d) All teachers are urban people.

2. which of the following statements are not correct [e]

A) some graduates are from urban residency

B) some govt. employees are not from urban residency

c) some urban peoples are neither graduates nor govt. employees

d) some teachers are govt. employees.

e) All the above

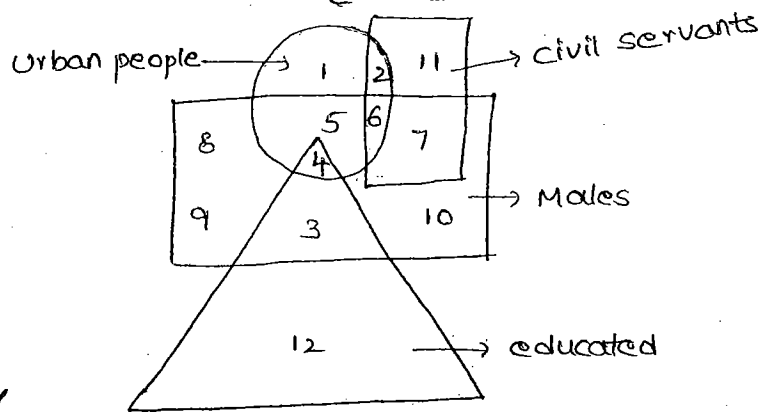
3. Which of the following statements are false [ 0 ]

- A) Some graduates are not from urban residency
- B) Some govt. employees are from rural residency
- C) Some teachers are graduates and govt. employees
- D) Some teachers are from urban residency

4. Which of the following statements are not false [ ]

- A) All govt. employees are graduates
- B) All graduates are from rural residency
- C) Some urban graduates are govt. employees and teachers
- D) All the above.

5. Study the following diagram carefully and answer the question/ that follows: [ 3 ]



1. Urban uneducated male but not civil servant are represented by 5
2. Urban educated male but not civil servant are represented by 4
3. Urban uneducated male civil servant are represented by 6
4. Rural educated male but not civil servant are represented by 3
5. Urban uneducated women civil servant is represented by 2
6. Rural uneducated male civil servant are represented by 7
7. Urban uneducated women but not civil servant are represented by 1
8. Rural educated women but not civil servant are represented by 12