

## Syllogism

In the section syllogism contains two or more statements which is followed by two or more conclusions. we should select the logically followed conclusion. while not getting a proper conclusion from the statements we can go for venn diagrams. On the basis of the given statements, you should draw all the possible diagrams, and then derive the solution from each of these diagrams separately.

For example:

Statements:

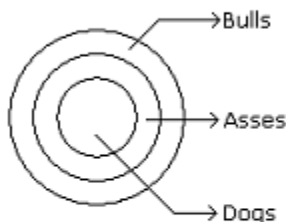
1. All dogs are asses.
2. All asses are bulls.

Conclusions:

1. Some dogs are not bulls.
2. Some bulls are dogs.
3. All bulls are dogs.
4. All dogs are bulls.

Solution:

On the basis of both statements, the following one diagram is possible.



From the diagram it is clear that (2) and (4) conclusions logically follow.

Example 2:

Statements:

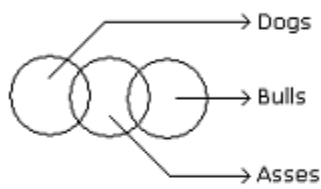
dsfsdfsdf

1. Some dogs are asses.
2. Some asses are bulls.

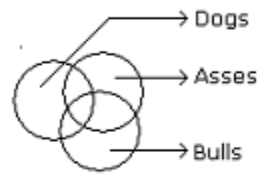
Conclusions:

1. Some asses are not dogs.
2. Some dogs are bulls.

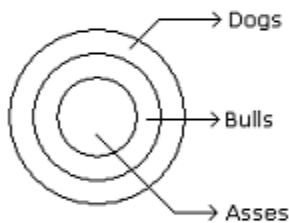
Solution: From these given statements the following diagrams are possible:



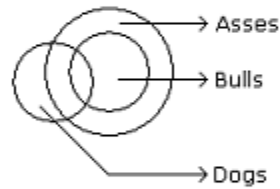
(1)



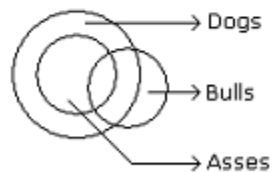
(2)



(3)



(4)



(5)

From the diagram neither (1) nor (2) conclusions follow.