



Explore | Expand | Enrich

# SYLLOGISM



# SYLLOGISM



- Syllogisms are the logical arguments.
- Each of the questions are given two or more statements followed by conclusions.
- You have to take the given statements to be true even if they seem to be at variance from commonly known facts.
- Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.



# SYLLOGISM



Statement: A fact that must be accepted as true even though it may be an unsound statement logically.

Conclusion: A fact that you must test for validity after assuming the statement to be true.



# SYLLOGISM



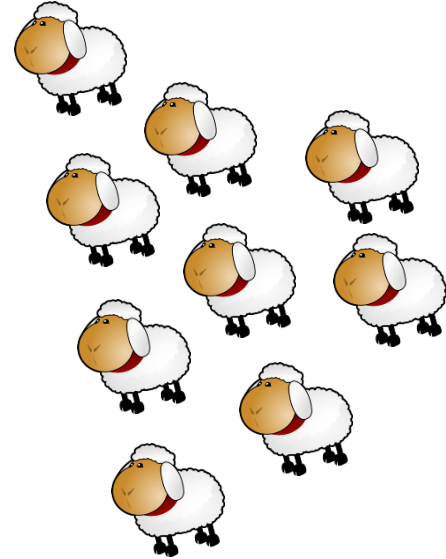
## Three Basic Relationships:

- No
- Some
- All

# SYLLOGISM

- No

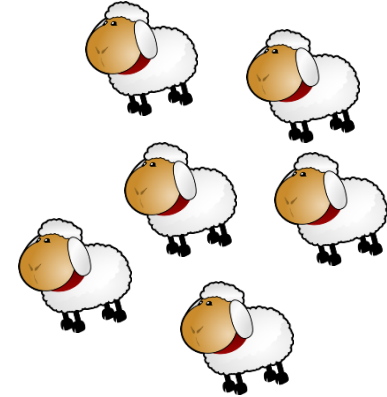
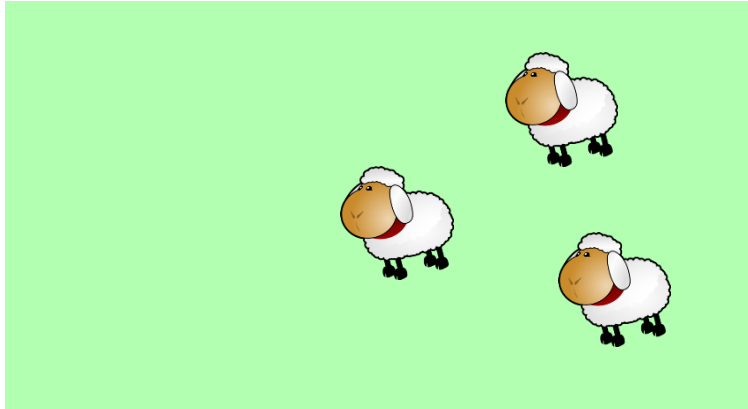
No sheep is in the farm.



# SYLLOGISM

- Some

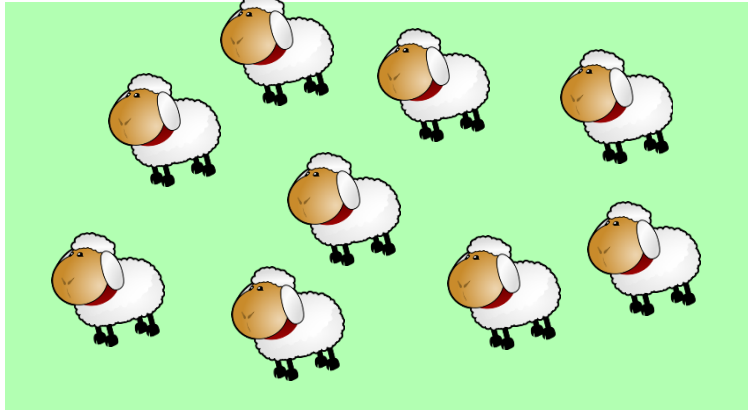
Some sheep are in the farm.



# SYLLOGISM

- All

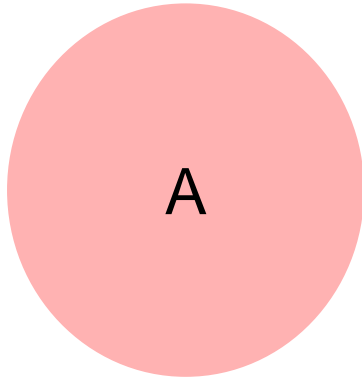
All sheep are in the farm.





# SYLLOGISM

No A is B

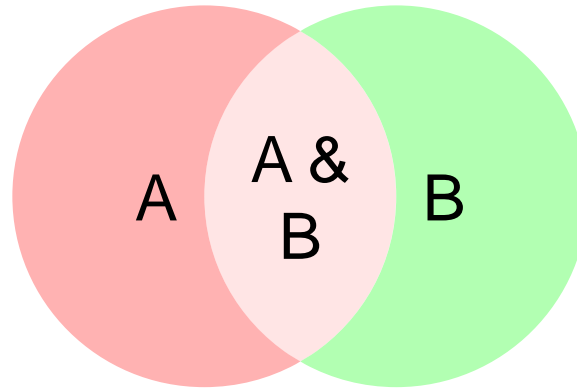


Sure Conclusion: No B is A



# SYLLOGISM

Some A are B

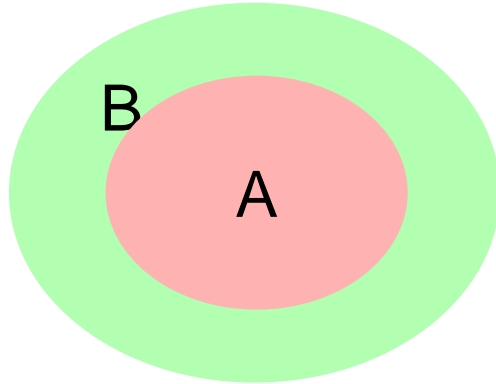


Sure Conclusion: Some B are A



# SYLLOGISM

All A are B



Sure Conclusion: Some B are A



## Directions for 01 and 10:



- (A) if only conclusion I is true.
- (B) if only conclusion II is true.
- (C) if either conclusion I or conclusion II is true.
- (D) if neither conclusion I nor conclusion II is true.
- (E) if both conclusions I and II are true.



## Question: 01

Statements:

All cotton are jute.

All jute are brown.

No brown is red.

Conclusion:

All brown are cotton.

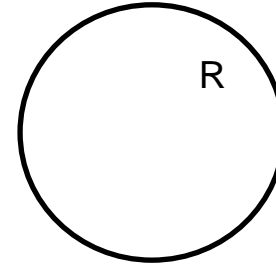
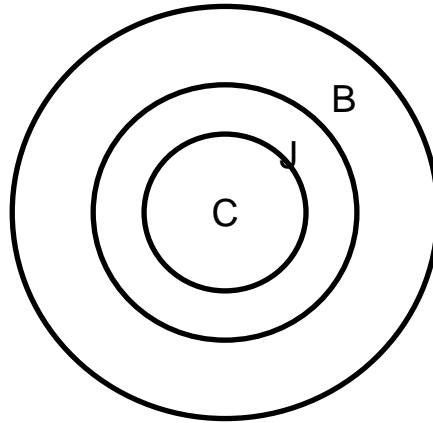
Some jute are cotton.



*Answer: **B***

## Explanation:

All brown are cotton.  
Some jute are cotton.  
conclusion II is true.



## Question: 02

Statements:

Some cute are tall.

Some tall are rubbish.

All rubbish are man.

Conclusion:

Some man are tall.

Some cute are man.



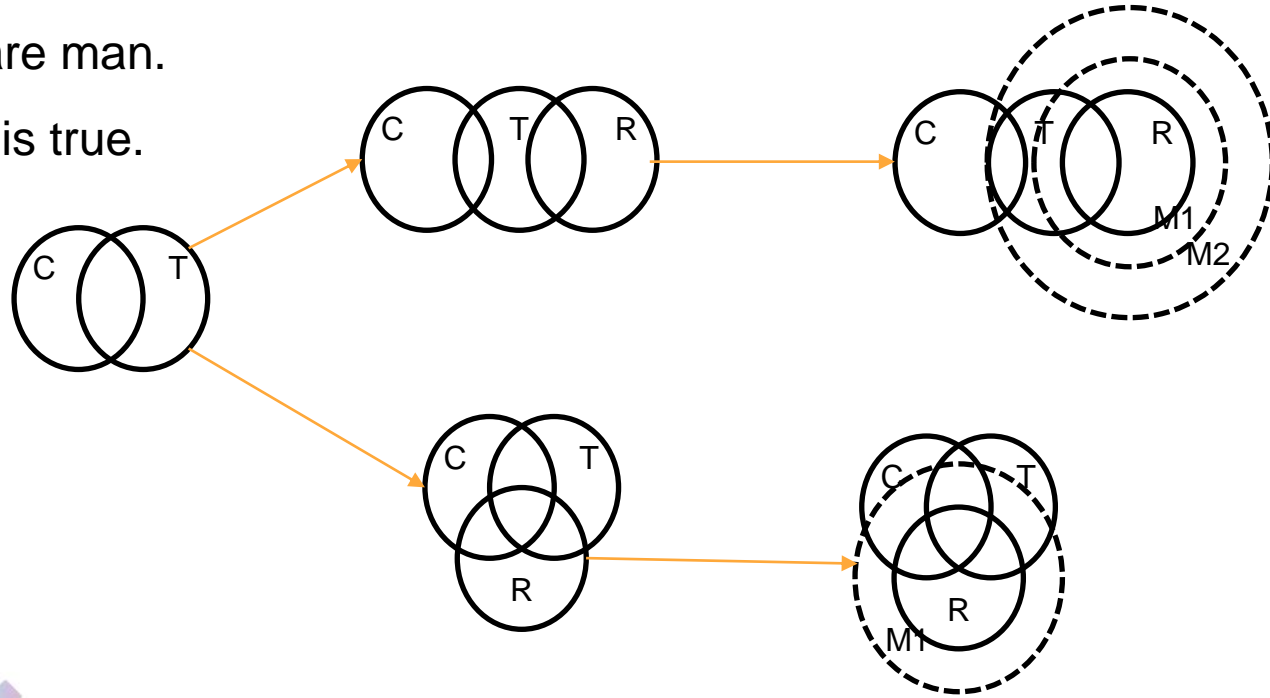
*Answer: A*

## Explanation:

Some man are tall.

Some cute are man.

conclusion I is true.





## Question: 03

Statements:

Some mangoes are yellow.

Some tixo are mangoes.

Conclusion:

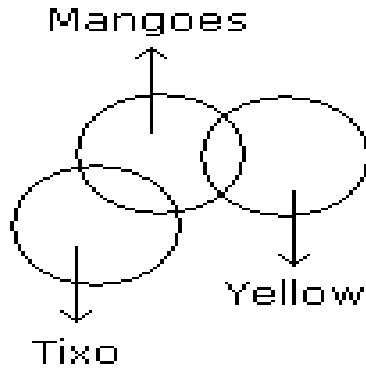
Some mangoes are green.

Tixo is a yellow.

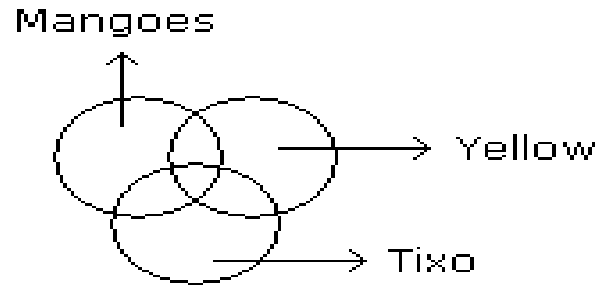


*Answer: D*

## Explanation:



(or)



None of the two follows.

## Question: 04

Statements:

Some actors are singers.

All the singers are dancers.

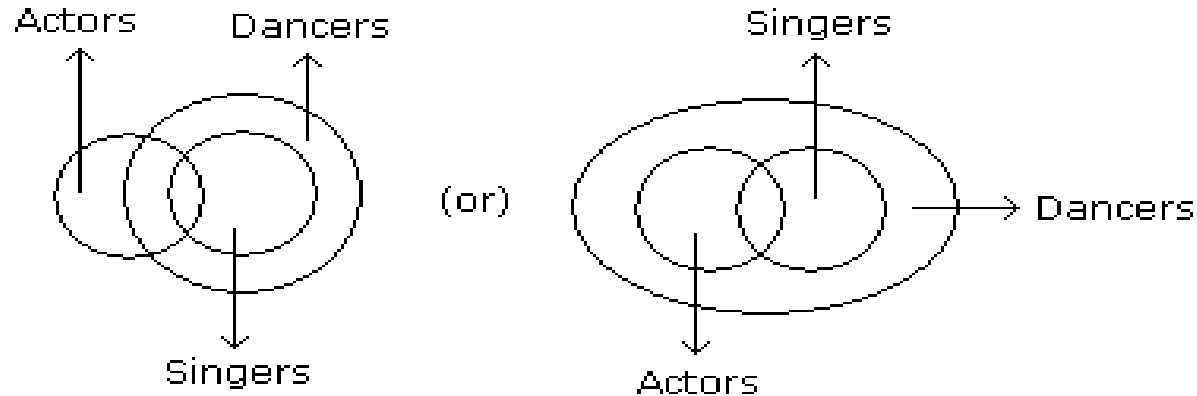
Conclusion:

Some actors are dancers.

No singer is actor.

*Answer: A*

## Explanation:



Only (1) follows.

## Question: 05

Statements:

All cups are books.

All books are shirts.

Conclusion:

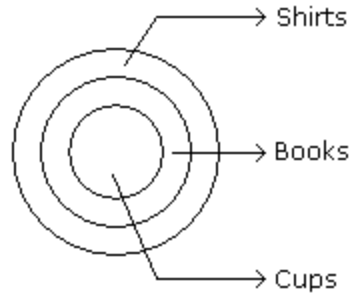
Some cups are not shirts.

Some shirts are cups.



*Answer: **B***

## Explanation:



Only (2) follows.

## Question: 06

Statements:

All the windows are doors.

No door is a wall.

Conclusion:

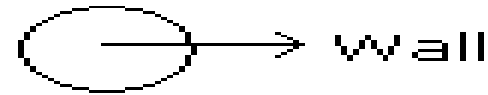
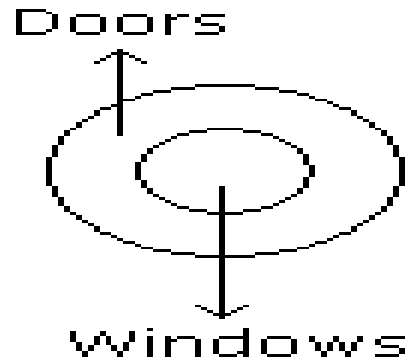
Some windows are walls.

No wall is a door.



*Answer: B*

## Explanation:



Only (2) follows.



## Question: 07

Statements:

Some cows are crows.

Some crows are elephants.

Conclusion:

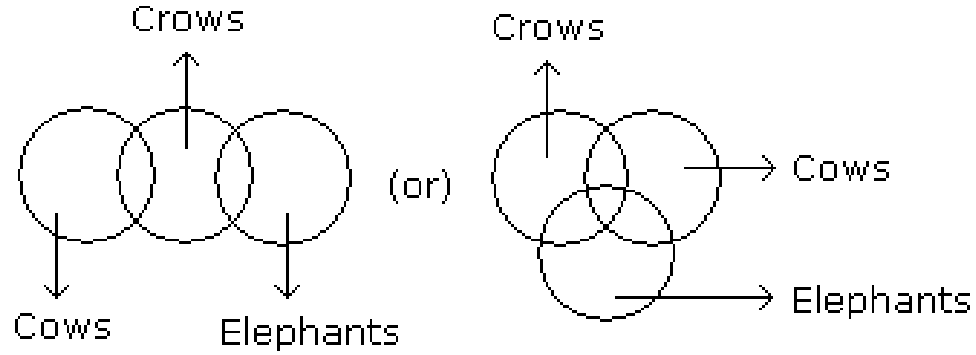
Some cows are elephants.

All crows are elephants.



*Answer: D*

## Explanation:



None of the two follows.

## Question: 08



Statements:

All harmoniums are instruments. All the flutes are instruments.

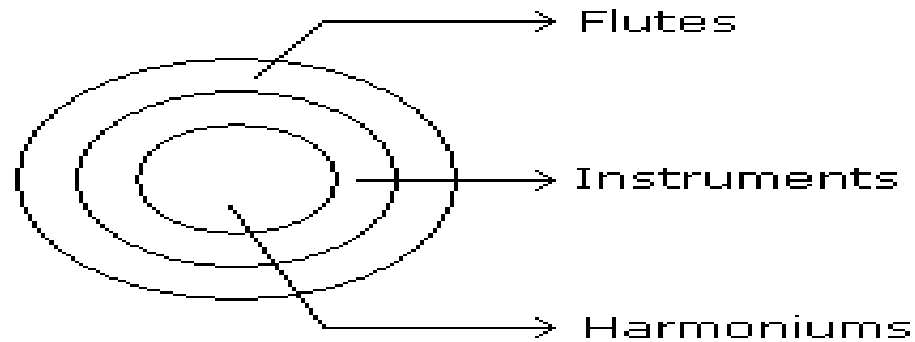
All instruments are flutes.

Conclusion:

All the harmoniums are flutes.

*Answer: B*

## Explanation:



Only (2) follows.

## Question: 09

Statements:

Some ants are parrots.

All the parrots are apples.

Conclusion:

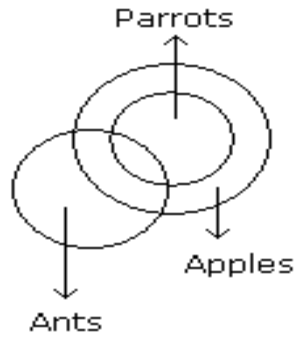
All the apples are parrots.

Some ants are apples.

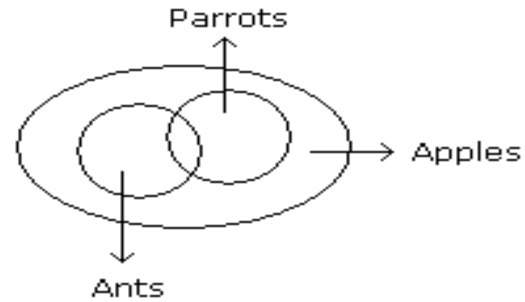


*Answer: **B***

## Explanation:



(or)



Only (2) follow.

## Question: 10

Statements:

Some eyes are ears.

Some ears are lungs.

All lungs are hands.

Conclusion:

Some hands are eyes

Some hands are ears

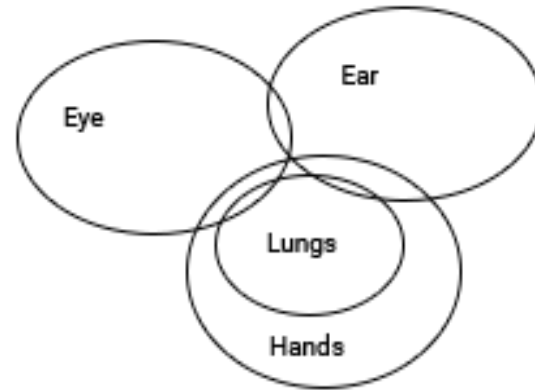
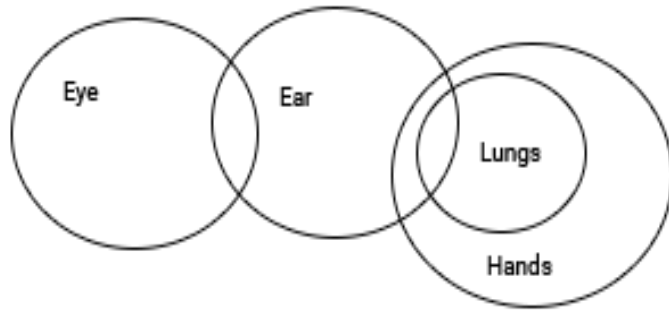
Some lungs are eyes

No hand is eye

*Answer: D*

## Explanation:

From the diagram II definitely follows.





## Question: 11

Statements:

All A are B

All B are C

Some D is A

Conclusion:

All A is C

All A are D

Some D is B

A) I, II and III are correct

B) Only I and II are correct

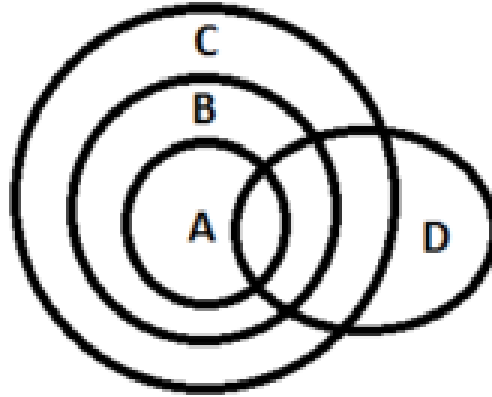
C) Only II and III are correct

D) Only I and III are correct

**Answer: D**

## Explanation:

From the Venn Diagram, we can see that the conclusions I and III definitely follow. So the correct option is D) Only I and III are correct.



## Question: 12



Statements:

All A are B

All B are C

Some D are A

Conclusion:

All D are A is a possibility.

All C are A is a possibility.

A) Both I, II are correct

B) Only I is correct

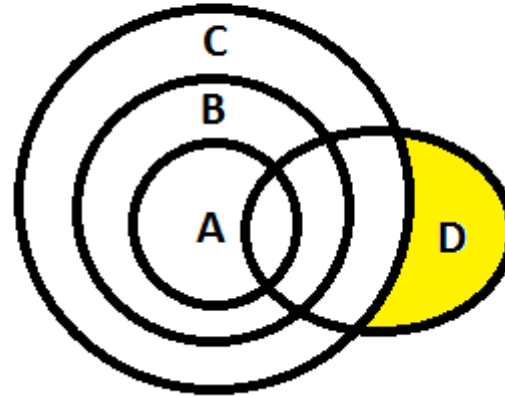
C) Only II is correct

D) The data is not sufficient

**Answer: A**

## Explanation:

Correct option is A) Both I, II are correct.



## Question: 13

Statements:

No door is dog.

All the dogs are cats.

Conclusion:

1) No door is cat.

2) No cat is door.

3) Some cats are dogs.

4) All the cats are dogs.

A) Only (2) and (4)

B) Only (1) and (3)

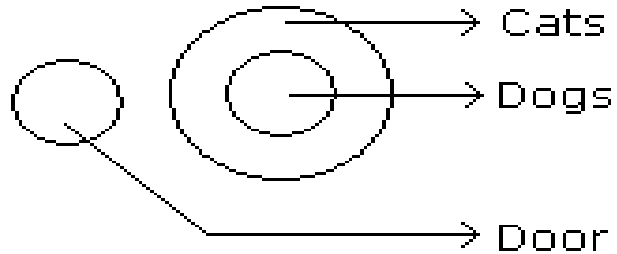
C) Only(3)

D) Only (3) and (4)

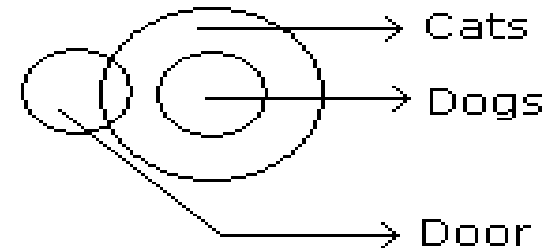
E) All the above

*Answer: C*

## Explanation:



(or)



Only (3) follows.

## Question: 14

Statements:

All green are blue.

All blue are white.

Conclusion:

1) Some blue are green.

2) Some white are green.

3) Some green are not white.

4) All white are blue.

A) Only (1) and (2)

B) Only (1) and (3)

C) Only (3)

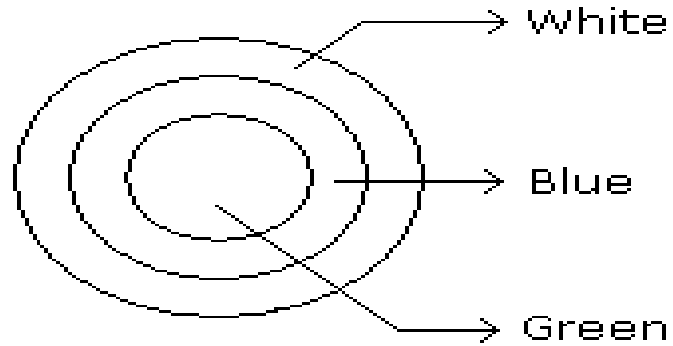
D) Only (1) and (4)

E) Only (2) and (4)



**Answer: A**

## Explanation:



Only (1) and (2) follows.





## Question: 15

Statements:

All the phones are scales.

All the scales are calculators.

Conclusion:

- 1) All the calculators are scales.
- 2) All the phones are calculators
- 3) All the scales are phones.
- 4) Some calculators are phones.

A) Only (1) and (4)

B) Only (3) and (4)

C) Only (2) and (4)

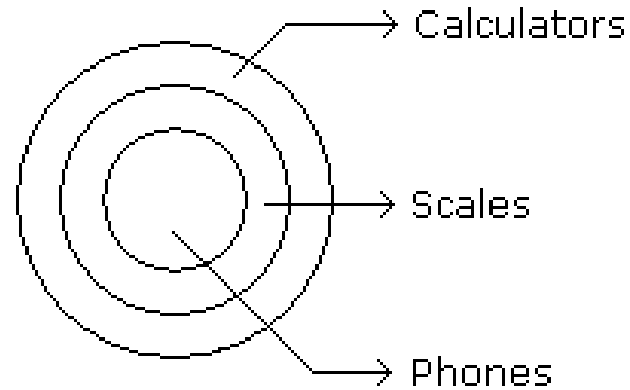
D) Only (1) and (2)

E) Only (1) and (3)



**Answer: C**

## Explanation:



Only (2) and (4) follows.