

# 50+ Reasoning Questions on Syllogism(English)

**Syllogism Questions for SSC Exams (English)**

1. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

I. All Crax are Chips.

II. All Drinks are Chips.

Conclusions:

I. Some Drinks are not Crax.

II. All Chips are Crax.

A. Only conclusion I follows

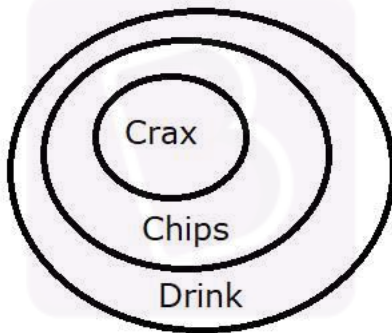
B. Neither conclusion I nor II follows

C. Both conclusions I and II follow

D. Only conclusion II follows

Ans. B

Sol.



Conclusions:

I. Some Drinks are not Crax. – it is not a definite case, hence wrong.

II. All Chips are Crax. – it is not a definite case, hence wrong.

Neither conclusion I nor II follows

Hence, option B is the correct answer.

2. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

I. No car is red.

II. All reds are blues.

Conclusions:

I. Some blues are not cars.

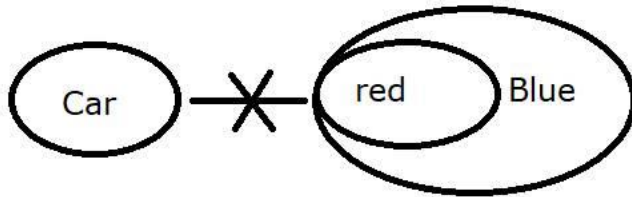
II. No red is a car.

A. Both conclusions I and II follow



- B. Neither conclusion I nor II follows
- C. Only conclusion I follows
- D. Only conclusion II follows

Ans. A  
Sol.



Conclusions:

- I. Some blues are not cars. – it is a definite case, hence correct.
- II. No red is a car. – it is a definite case, hence wrong.

Both conclusions I and II follow  
Hence, option A is the correct answer.

3. Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

- Some pencils are rods.
- No rod is a door.
- All balls are rods.

Conclusions:

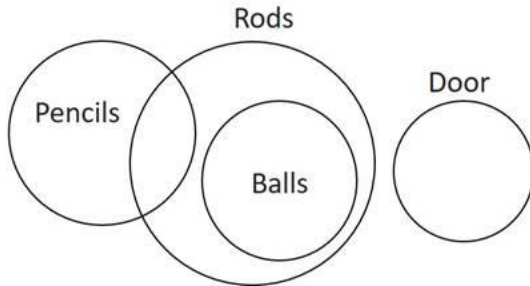
- I. Some pencils being balls is a possibility.
- II. No ball is a door.
- III. All rods are balls.
- IV. No pencil is a door.

- A. Only Conclusions I, II and IV follow
- B. Only Conclusions II and III follow
- C. Only Conclusion I follows
- D. Only Conclusions I and II follow

Ans. D  
Sol.

The minimum possible Venn diagram is as follows –





Conclusions:

- I. Some pencils being balls is a possibility – It is correct as the possibility will not affect the statement.
  - II. No ball is a door – It is correct as it is a definite case.
  - III. All rods are balls – It is incorrect as it is not a definite case.
  - IV. No pencil is a door - It is incorrect as it is not a definite case.
- Thus, only conclusions I and II follow.  
Hence, option D is the correct answer.

4. In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.

Statements:

- I. No A is B
- II. No C is B

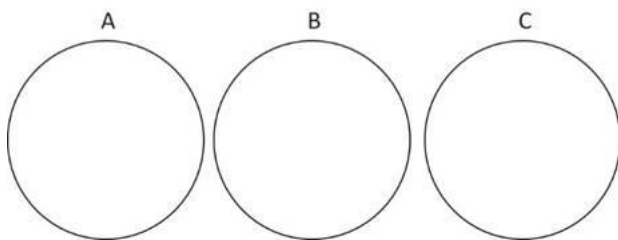
Conclusion:

- I. Some C are not A
- II. Some A are B
- A. Neither conclusion follows
- B. Both conclusions I and II follows
- C. Only conclusion I follows
- D. Only conclusion II follows

Ans. A

Sol.

The minimum possible Venn diagram is as follows -



Conclusion:

- I. Some C are not A – It is incorrect as no direct relation between C and A is given and nothing can be deduced from the statement.



II. Some A are B – It is incorrect as it is not a definite case, as no A is B.  
Thus, neither conclusion follows.  
Hence, option A is the correct answer.

5. Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All Books are Pens.

All Pens are Pencils.

Conclusions:

I. All Books are Pencils.

II. All Pencils are Books.

A. Both conclusions I and II follow.

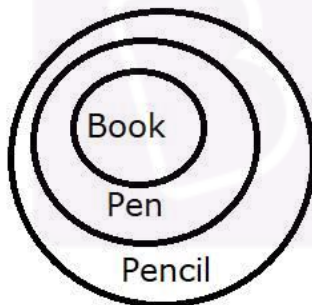
B. Only conclusion II follows.

C. Only conclusion I follows.

D. Neither conclusion I nor II follows.

Ans. C

Sol.



Conclusions:

I. All Books are Pencils. – it is a definite case, hence correct.

II. All Pencils are Books. – it is not a definite case, hence wrong.

Only conclusion I follows.

Hence, option C is the correct answer.

6. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statement I: Some teeth are noses and some noses are hands.

Statement II: Some hands are feet.

Conclusion I: Some teeth are feet.

Conclusion II: All hands are noses.

A. Only conclusion I follows.

B. Both conclusions I and II follow.



- C. Only conclusion II follows.
- D. Neither conclusion I nor II follow.

Ans. D

Sol.



Conclusion I: Some teeth are feet. – it is not a definite case, hence wrong.

Conclusion II: All hands are noses. – it is not a definite case, hence wrong.

Neither conclusion I nor II follow.

Hence, option D is the correct answer.

7. Three statements are given, followed by three conclusions numbered I, II and III.

Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statement:**

Some Bangles are Bracelets.

All chains are Rings.

Some Bracelets are Chains.

**Conclusions:**

(I) Some Bangles are Rings.

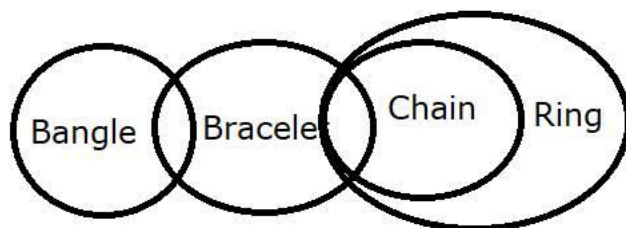
(II) Some Chains are Bangles.

(III) Some Rings are Bracelets.

- A. Only Conclusion III follows.
- B. Both Conclusions I and II follow.
- C. Both Conclusions I and III follow.
- D. Only Conclusion I follows.

Ans. A

Sol.



**Conclusions:**

(I) Some Bangles are Rings. – it is not a definite case, hence wrong.

(II) Some Chains are Bangles. – it is not a definite case, hence wrong.

(III) Some Rings are Bracelets. – it is a definite case, hence correct.





Only Conclusion III follows.  
Hence, option A is the correct answer.

8. Three statements are given followed by three conclusions numbered I, II and III.

Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some spices are medicines.

All medicines are chemicals.

No chemical is cheap.

**Conclusions:**

I. Some medicines are cheap.

II. Some chemicals are spices.

III. No medicine is cheap.

A. Only conclusions I and II follow.

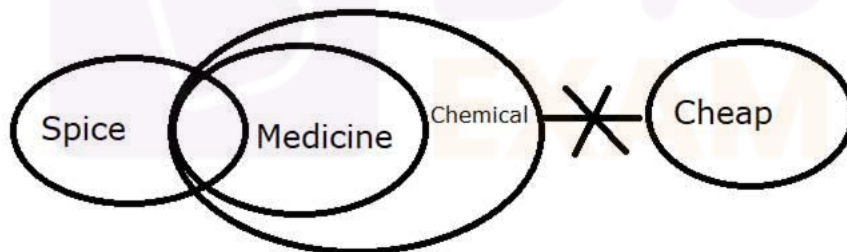
B. All conclusions follow.

C. Only conclusions I and III follow.

D. Only conclusions II and III follow.

Ans. D

Sol.



**Conclusions:**

I. Some medicines are cheap. – it is not a definite case, hence wrong.

II. Some chemicals are spices. – it is a definite case, hence correct.

III. No medicine is cheap. – it is a definite case, hence correct.

Only conclusions II and III follow.

Hence, option D is the correct answer.

9. In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.

**Statements:**

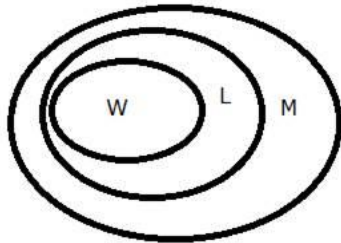
I. All W are L.

II. All L are M.



**Conclusions:**

- I. No L is W.
  - II. No M is L.
  - III. No M is W.
  - A. Neither conclusion follows
  - B. All conclusion follows
  - C. Only conclusion I follows
  - D. Only conclusion II follows
- Ans. A  
Sol.



**Conclusions:**

- I. No L is W. – it is not a definite case, hence wrong.
  - II. No M is L. – it is not a definite case, hence wrong.
  - III. No M is W. – it is not a definite case, hence wrong.
- Neither conclusion follows  
Hence, option A is the correct answer.

10. In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.

Statements:

- I. All R are H.
- II. Some T are R.

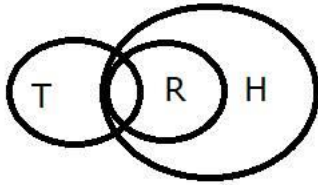
Conclusion:

- I. All H are R.
- II. All T are H.
- III. No R is T.
- A. Both conclusions I and II follows
- B. All conclusion follows
- C. Neither conclusion follows
- D. Only conclusion III follows

Ans. C  
Sol.







- I. All H are R. – it is not a definite case, hence wrong.
  - II. All T are H. – it is not a definite case, hence wrong.
  - III. No R is T. – it is not a definite case, hence wrong.
- Neither conclusion follows  
Hence, option C is the correct answer.

11. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

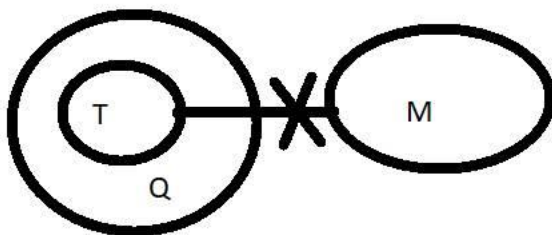
- I. All T are Q.
- II. No M is T.

Conclusions:

- I. No T is M.
- II. Some Q are not M.
- A. Only conclusion I follows
- B. Neither conclusion I nor II follows
- C. Only conclusion II follows
- D. Both conclusions I and II follow

Ans. D

Sol.



Conclusions:

- I. No T is M. – it is a definite case, hence correct.
- II. Some Q are not M. – it is a definite case, hence correct.

Both conclusions I and II follow

Hence, option D is the correct answer.

12. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance



with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some tablets are laptops.

Some laptops are computers.

Conclusions:

I. Some tablets are computers.

II. Some laptops are not tablets.

A. Only conclusion I follows.

B. Both conclusions I and II follow.

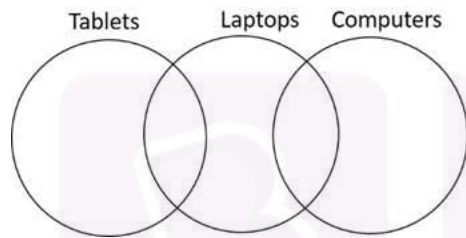
C. Neither conclusion I nor II follows.

D. Only conclusion II follows.

Ans. C

Sol.

The minimum possible Venn diagram is –



Conclusions:

I. Some tablets are computers – It is incorrect as it is not a definite case.

II. Some laptops are not tablets – It is incorrect as it is not a definite case.

Thus, neither conclusion I nor II follows.

Hence, option C is the correct answer.

13. In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.

Statements:

I. All F are K.

II. All W are K.

Conclusions:

I. All W are F.

II. Some K are not W.

III. Some F are W.

A. Only conclusion I follows

B. Both conclusions I and III follow

C. Neither conclusion follows

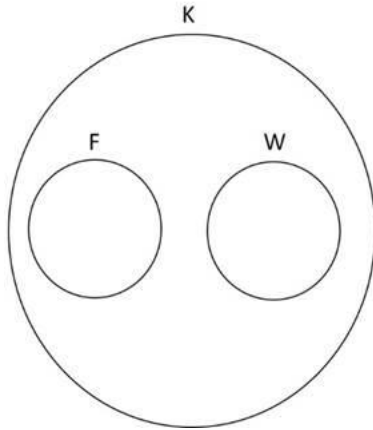
D. Both conclusions II and III follow



Ans. C

Sol.

The minimum possible Venn diagram is –



Conclusions:

I. All W are F – It is incorrect as it is not a definite case.

II. Some K are not W - It is incorrect as it is not a definite case.

III. Some F are W - It is incorrect as it is not a definite case.

Thus, we can see that none of the conclusions follow.

Hence, option C is the correct answer.

14. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- All Tim are Jack.
- No Jack is Ben.
- Some Ben is Ruth.

Conclusions:

I. No Ruth is Jack.

II. Some Ben are Jack.

III. No Ben is Tim.

A. Only conclusion I and III follow

B. Only conclusion I follows

C. Only conclusion I and II follow

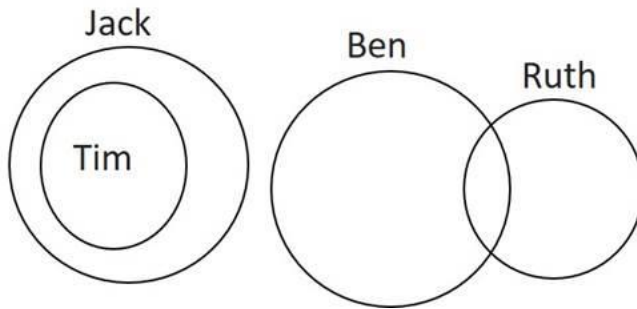
D. Only conclusion III follows

Ans. D

Sol.

The minimum possible Venn diagram is –





Conclusions:

- I. No Ruth is Jack – It is incorrect as it is not a definite case.
- II. Some Ben are Jack - It is incorrect as it is not a definite case.
- III. No Ben is Tim - It is correct as it is a definite case.

Thus, only conclusion III follows.

Hence, option D is the correct answer.

15. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

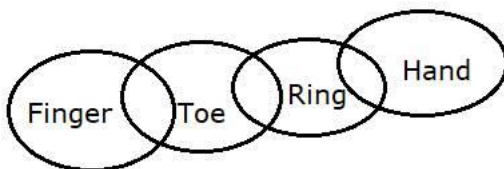
- Some fingers are toes.
- Some toes are rings.
- Some rings are hands.

Conclusions:

- I. Some hands are toes.
  - II. Some rings are fingers.
  - III. Some hands are fingers.
  - IV. Some fingers are rings.
- A. Only conclusions I and II follow
  - B. Only conclusions III and IV follow
  - C. None of the conclusions follow
  - D. Only conclusions II and III follow

Ans. C

Sol.



Conclusions:

- I. Some hands are toes. – it is not a definite case, hence wrong.
- II. Some rings are fingers. – it is not a definite case, hence wrong.



III. Some hands are fingers. – it is not a definite case, hence wrong.  
IV. Some fingers are rings. – it is not a definite case, hence wrong.  
None of the conclusions follow  
Hence, option C is the correct answer.

16. In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.

**Statements:**

- I. All A are H.
- II. No B is A

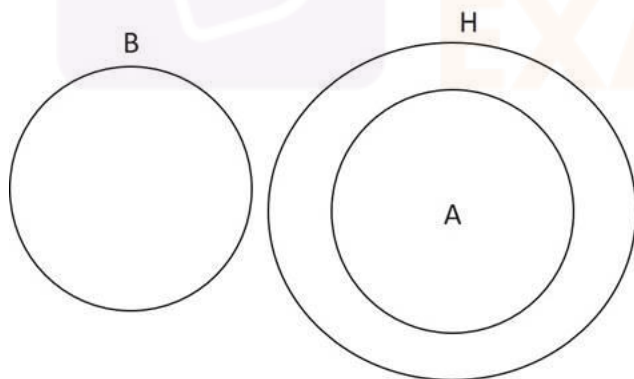
**Conclusion:**

- I. Some A are not B
- II. No B is H.
- A. Both conclusions I and II follows
- B. Only conclusion I follows
- C. Neither conclusion follows
- D. Only conclusion II follows

Ans. B

Sol.

The minimum possible Venn diagram is –



**Conclusion:**

- I. Some A are not B – It is correct as no B is A so some A are definitely not B.
- II. No B is H – It is incorrect as it is not a definite case.

Thus, only conclusion I follows.

Hence, option B is the correct answer.

17. Three Statements are given followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.



Statements:

All huts are houses.

No villa is a house.

Some buildings are villas.

Conclusions:

I. Some buildings are huts.

II. Some houses are buildings.

III. No hut is a villa.

A. Only conclusion III follow.

B. Only conclusion II follows.

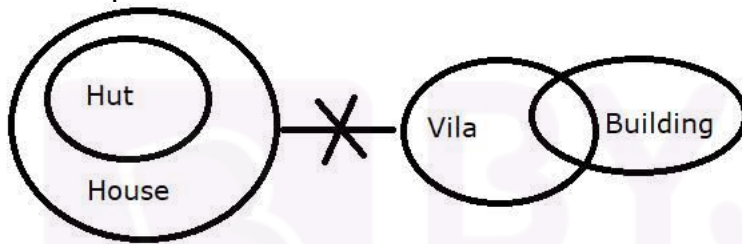
C. Both conclusions I and II follow.

D. Only conclusion I follows

Ans. A

Sol.

Best representation –



Conclusions:

I. Some buildings are huts. – It is not a definite case, hence false.

II. Some houses are buildings. – It is not a definite case, hence false.

III. No hut is a villa. – It is a definite case, hence true.

Hence, option A is the correct answer.

**18. Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**

**Statements:**

All plants are herbs.

Some herbs are trees.

All trees are shrubs.

**Conclusions:**

I. Some shrubs are plants.

II. Some shrubs are herbs.

III. Some trees are plants.

A. Only conclusions I and III follow

B. Only conclusion II follows

C. Only conclusions I and II follow

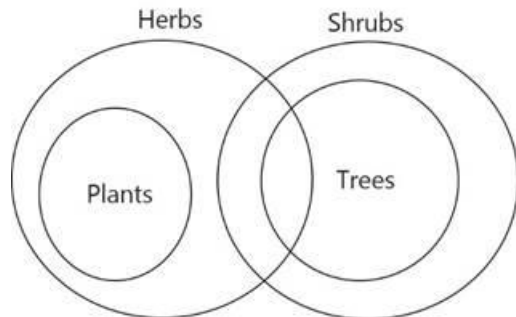
D. Only conclusion I follows



Ans. B

Sol.

The minimum possible Venn diagram is –



Conclusions:

I. Some shrubs are plants – It is incorrect as it cannot be deduced from the statements.

II. Some shrubs are herbs – It is correct as some herbs are trees and all trees are shrubs.

III. Some trees are plants – It is incorrect as it cannot be concluded from the statements.

Thus, only conclusion II follows.

Hence, option B is the correct answer.

**19. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

**Statements:**

Some schools are colleges.

All colleges are universities.

**Conclusions:**

I. All universities are schools.

II. Some universities are colleges.

A. Either conclusion I or II follows.

B. Only conclusion I follows.

C. Only conclusion II follows.

D. Both the conclusions follow.

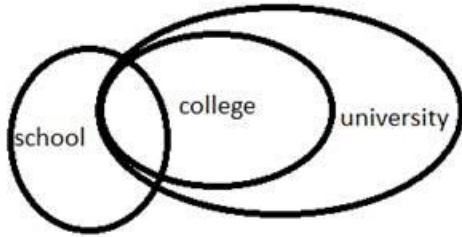
Ans. C

Sol.

Possible Diagram







Conclusions:

23. All universities are schools.- It is not a definite case, hence false.

II. Some universities are colleges.- It is a definite case, hence true.

Only conclusion II follows

Hence, option C is the correct answer.

**20. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

**Statements:**

No police officer is a doctor.

Some doctors are specialists.

All engineers are doctors.

**Conclusions:**

I. Some engineers are police officers.

II. No engineer is a police officer.

III. Some doctors are engineers.

A. Only conclusion II follows.

B. Only conclusions I and II follow.

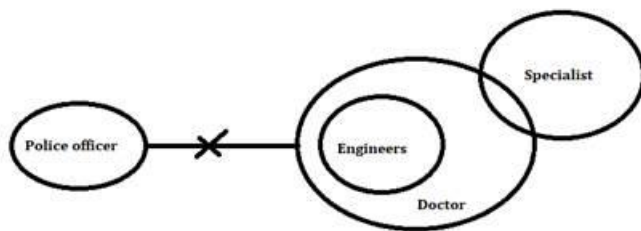
C. Either conclusion I or II and III follow(s).

D. Only conclusions II and III follow.

Ans. D

Sol.

The least possible Venn-diagram will be as follows:



Conclusions:

I. Some engineers are police officers-Not true

II. No engineer is a police officer- It is a definite case, hence true

III. Some doctors are engineers- It is a definite case, hence true



Hence, option D is the correct answer

21. In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.

Statements:

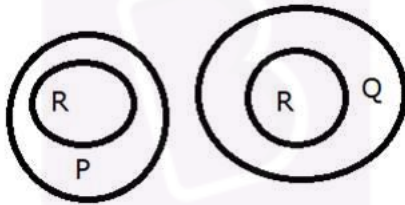
- I. All R are P.
- II. All R are Q.

Conclusion:

- I. No P is Q.
- II. No R is P.
- A. Neither conclusion follows
- B. Only conclusion II follows
- C. Only conclusion I follows
- D. Both conclusions I and II follows

Ans. A

Sol.



Conclusion:

- I. No P is Q. – it is not a definite case, hence wrong.
  - II. No R is P. – it is not a definite case, hence wrong.
- Neither conclusion follows  
Hence, option A is the correct answer.

22. Three Statements are given followed by three conclusions numbered I, II and III.

Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

- Some bottles are towels.
- No towel is a pillow.
- All bottle are coats.

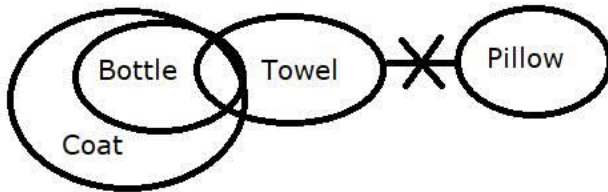
Conclusions:

- I. Some coats are towels.
- II. No coat is a towel.



- III. Some bottles are pillows.  
 A. Both conclusions I and III follows.  
 B. Only conclusion I follows.  
 C. Only either conclusion I or II follows.  
 D. Only conclusion II follows.

Ans. B  
 Sol.



Conclusions:

- I. Some coats are towels. – it is a definite case, hence correct.  
 II. No coat is a towel. – it is not a definite case, hence wrong.  
 III. Some bottles are pillows. – it is not a definite case, hence wrong.  
 Only conclusion I follows.  
 Hence, option B is the correct answer.

23. In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.

Statements:

- I. All Z are X.  
 II. All G are X.

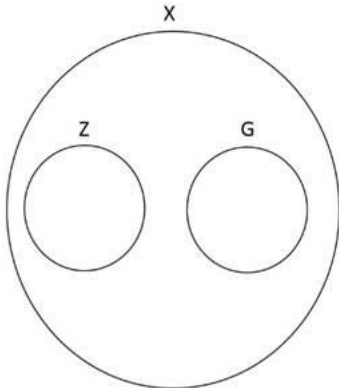
Conclusions:

- I. Some G are Z.  
 II. All X are G.  
 III. Some Z are X.  
 A. Neither conclusion follows  
 B. Both conclusions II and III follows  
 C. Only conclusion III follows  
 D. Both conclusions I and III follows

Ans. C  
 Sol.

The minimum possible Venn diagram is –





Conclusions:

I. Some G are Z – It is incorrect as it is not a definite case.

II. All X are G - It is incorrect as it is not a definite case.

III. Some Z are X - It is correct as it is a definite case.

Thus, only conclusion III follows.

Hence, option C is the correct answer.

24. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- Some violins are pianos.
- All violins are flutes.
- No violin is a guitar.

Conclusions:

I. No guitar is a piano.

II. Some flutes are pianos

III. All flutes are guitars.

A. Only conclusion I follows

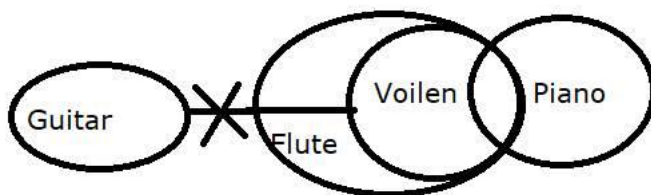
B. Only conclusion I and II follow

C. Only conclusion II follows

D. Only conclusion I and III follow

Ans. C

Sol.



Conclusions:

I. No guitar is a piano. – it is not a definite case, hence wrong.



II. Some flutes are pianos – it is a definite case, hence correct.  
III. All flutes are guitars. – it is not a definite case, hence wrong.  
Only conclusion II follows  
Hence, option C is the correct answer.

25. In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.

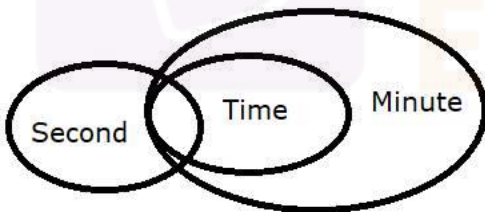
Statements:

- I. Some seconds are time.
- II. All times are minutes.

Conclusion:

- I. No minute is time.
- II. No time is second.
- III. No second is minute.
- A. Neither conclusion follows
- B. Both conclusions I and II follow
- C. All conclusions follow
- D. Only conclusion I follows

Ans. A  
Sol.



Conclusion:

- I. No minute is time. – it is not a definite case, hence wrong.
  - II. No time is second. – it is not a definite case, hence wrong.
  - III. No second is minute. – it is not a definite case, hence wrong.
- Neither conclusion follows  
Hence, option A is the correct answer.

26. In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements. Statements:

- I. Some L are R.
- II. Some A are R.

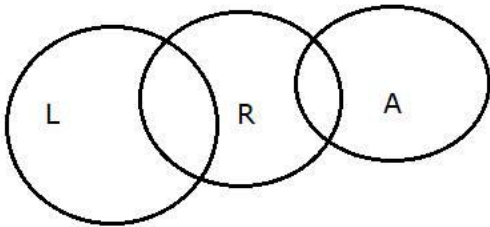


Conclusion:

- I. All A are L.
- II. All R are L.
- A. Both conclusions I and II follows
- B. Only conclusion II follows
- C. Only conclusion I follows
- D. Neither conclusion follows

Ans. D

Sol.



Conclusion:

- I. All A are L. – it is not a definite case, hence wrong.
  - II. All R are L. – it is not a definite case, hence correct.
- Neither conclusion follows  
Hence, option D is the correct answer.

27. Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

- All bears are rabbits.
- All rabbits are dogs.
- Some dogs are black.

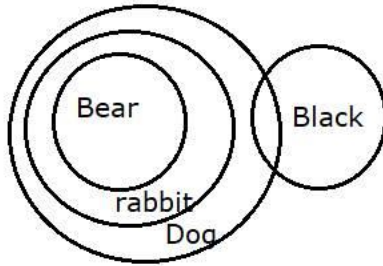
Conclusions.

- I. Some rabbits are black.
- II. Some dogs are bears.
- III. All bears are dogs.
- A. All conclusions follow.
- B. Only conclusions I and II follow.
- C. Only conclusions II and III follow.
- D. Only conclusions I and III follow.

Ans. C

Sol.





Conclusions.

I. Some rabbits are black. – it is not a definite case, hence wrong.

II. Some dogs are bears. – it is a definite case, hence correct.

III. All bears are dogs. - it is a definite case, hence correct.

Only conclusions II and III follow.

Hence, option C is the correct answer.

28. In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.

Statements:

I. All K are H.

II. No S is K.

Conclusion:

I. No K is S.

II. All H are K.

A. Both conclusions I and II follows

B. Only conclusion I follows

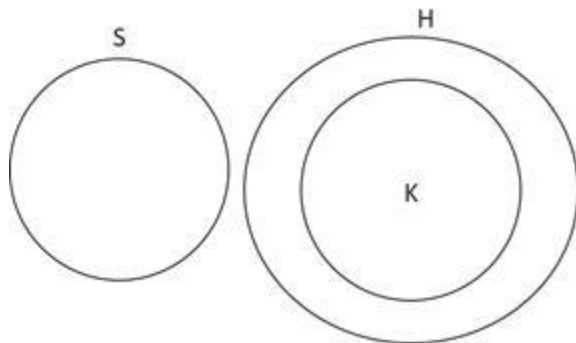
C. Only conclusion II follows

D. Neither conclusion follows

Ans. B

Sol.

The minimum possible Venn diagram is –



Conclusion:





I. No K is S – It is correct as no S is K is given.  
II. All H are K – It is incorrect as it is not a definite case.  
Thus, only conclusion I follows.  
Hence, option B is the correct answer.

**29. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true even if it appears to be at variance with commonly known facts decide which of the given conclusions logically follow(s) from the statements.**

**Statements:**

All peelers are funnels.  
Some peelers are spatulas.

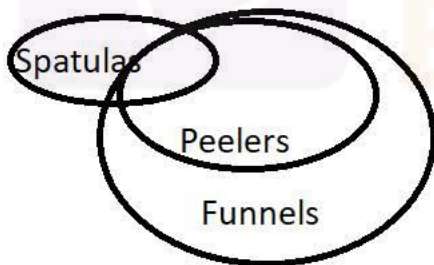
**Conclusions:**

- I. Some peelers are not funnels.
- II. Some spatulas are peelers.
- A. Both conclusions I and II follow.
- B. Only conclusion II follows.
- C. Neither conclusion I nor II follows.
- D. Only conclusion I follows.

Ans. B

Sol.

Possible venn diagram



**Conclusions:**

- I. Some peelers are not funnels. – It is not a definite case, hence False.
  - II. Some spatulas are peelers. – It is a definite case, hence true.
- Only conclusion II follows  
Hence, option B is the correct answer.

**30. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

**Statements:**

All calculators are markers.



Some markers are pencils.

Some pencils are erasers.

Conclusions:

I. Some erasers are markers.

II. Some pencils are calculators.

A. Neither conclusion I nor II follows.

B. Both the conclusions follow.

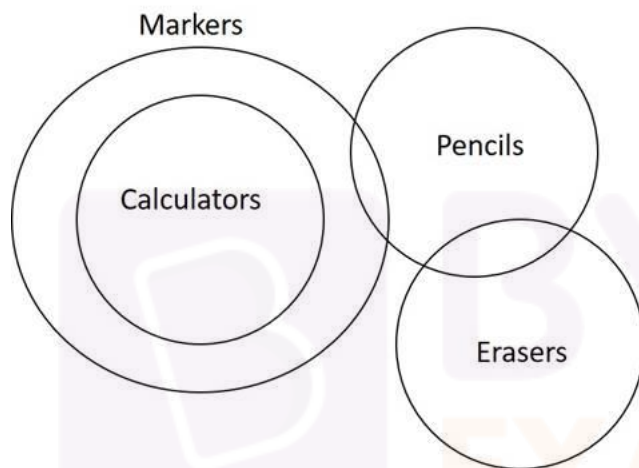
C. Only conclusion I follows.

D. Only conclusion II follows.

Ans. A

Sol.

The minimum possible Venn diagram is as follows –



Conclusions:

I. Some erasers are markers – This is not a definite case, hence incorrect.

II. Some pencils are calculators – This is not a definite case, hence incorrect.

Thus, neither conclusion I nor II follows.

Hence, option A is the correct answer.

31. Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some books are pens.

All pens are pencils.

Conclusions:

I. Some pencils are books.

II. Some books are not pencils.

A. Neither conclusion I nor II follows

B. Both conclusions I and II follow

C. Only conclusion II follows

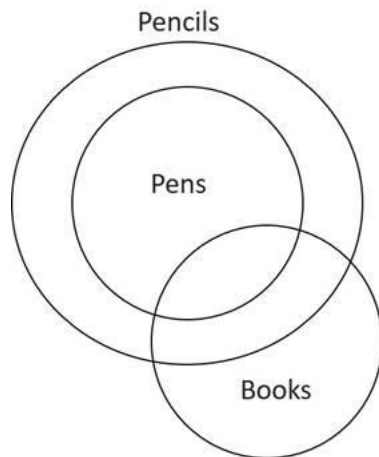


D. Only conclusion I follows

Ans. D

Sol.

The minimum possible Venn diagram is as follows –



Conclusions:

I. Some pencils are books - It is correct as some books are pens and all pens are pencils thus, some pencils are definitely books.

II. Some books are not pencils – It is incorrect as it cannot be deduced accurately from the statement.

Thus, only conclusion I follows.

Hence, option D is the correct answer.

32. Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some woods are metals.

All metals are stones.

Some plastics are metals.

Conclusions:

I. Some stones are plastics.

II. Some woods are stones.

III. All stones are metals.

A. Only conclusion II follows

B. Only conclusions I and II follow

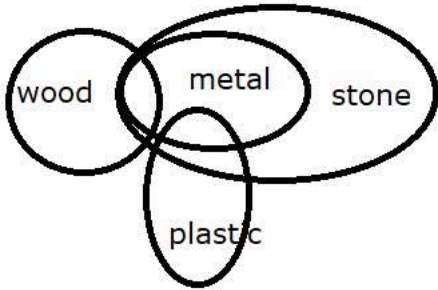
C. Only conclusion I follows

D. Only conclusions I and III follow

Ans. B

Sol.





Conclusions:

- I. Some stones are plastics. – it is definite case, hence right.
- II. Some woods are stones. – it is definite case, hence right.
- III. All stones are metals. – it is not a definite case, hence wrong.

Only conclusions I and II follow

Hence, option B is the correct answer.

**33. In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.**

**Statements:**

- I. Some pens are tables.
- II. Some tables are chairs.

**Conclusions:**

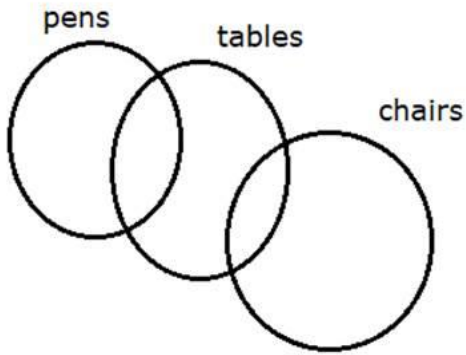
- I. All tables are pens.
  - II. Some pens are chairs.
- A. Neither conclusion follow
  - B. Only conclusion I follow
  - C. Both conclusion I and II follow
  - D. Only conclusion II follow

Ans. A

Sol.

Minimum Possible diagram is-





Conclusions:

I. All tables are pens. (it does not follow as it's just a possibility, not a surety.)

II. Some pens are charts. (it also does not follow as it's just a possibility, not a surety.)

So, neither of the conclusions follow.

Hence, option A is the correct answer.

**34. Given below are two statements. Consider these statements to be true even if they seem factually absurd. Read the conclusions and then decide which of the given conclusions logically follow(s) from the given statements?**

**Statements:**

- 1) All vases are flowers.
- 2) No flower is a plant.

**Conclusions:**

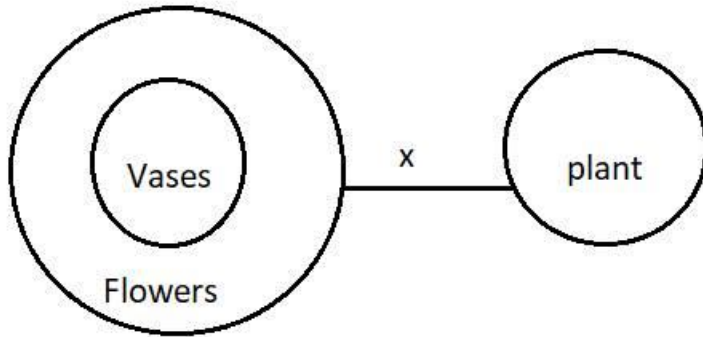
- I. No vase is a plant.
  - II. Some plants are vases.
- A. Only conclusion I follows
  - B. Both the conclusions follow
  - C. Only conclusion II follows
  - D. Neither conclusion follows

Ans. A

Sol.

Minimum Possible diagram is-





Conclusions:

I. No vase is a plant. (it follows because All vases are flowers and No flower is a plant.)

II. Some plants are vases. (it does not follow because All vases are flowers and No flower is a plant.)

So, Only conclusion I follows.

Hence, option A is the correct answer.

**35. In the following question below are given some statements followed by some conclusions. Taking 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 conclusion logically follows the given statements.**

**Statements:**

I. Some tables are large.

II. No large is blue.

**Conclusions:**

I. All large are tables.

II. Some blue are large.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

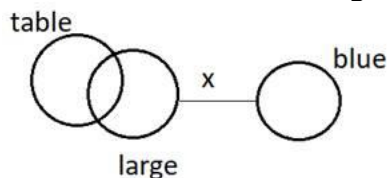
C. Both conclusion follow.

D. Neither conclusion (I) nor conclusion (II) follows.

Ans. D

Sol.

Minimum Possible diagram is-



Conclusions:

I. All large are tables. (It does not follow because Some tables are large.)



II. Some blue are large. (It does not follow as its just a possibility, but not surety.)  
So, Neither conclusion (I) nor conclusion (II) follows.  
Hence, Option D is the correct answer.

**36. In the following question below are given some statements followed by some conclusions. Taking 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 conclusion logically follow the given statements.**

**Statements:**

- I. All pages are red.
- II. Some pages are solid.

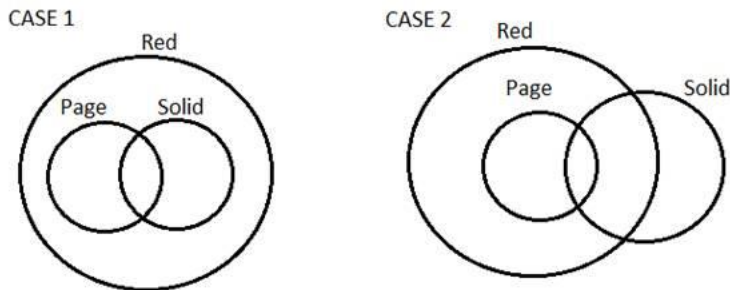
**Conclusions:**

- I. Some solid are red.
- II. All red are pages.
- A. Only conclusion (I) follows.
- B. Only conclusion (II) follows.
- C. Both conclusion follow.
- D. Neither conclusion (I) nor conclusion (II) follows.

Ans. A

Sol.

The conclusion follows if it satisfies all the case.  
The given statements have 2 cases.



Conclusion I – It satisfies both the case. Hence, it follows.

Conclusion II – It is not satisfied in any of the cases. Hence, it does not follow.  
Hence, option A is the correct answer.

**37. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow from the statements.**

Statements:





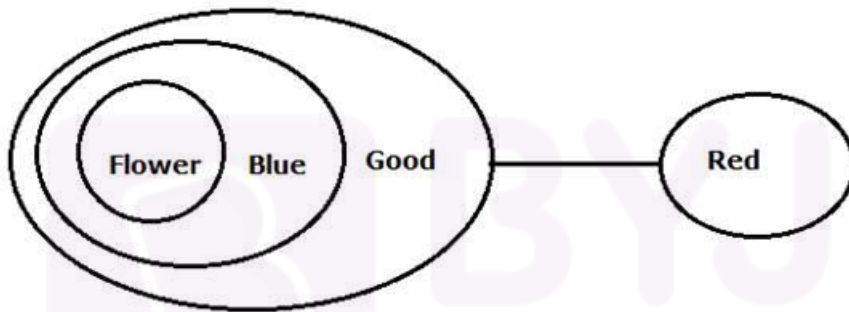
- 1) All flowers are blue.
- 2) All blue are good.
- 3) No good is red.

Conclusions:

- I. No red is a flower.
  - II. No red is a blue.
  - III. Some good are flowers.
  - IV. Some good are blue.
- A. Only conclusions I, III and IV follow
  - B. Only conclusions I and III follow
  - C. All conclusions I, II, III and IV follow
  - D. Only conclusions I, II and IV follow

Ans. C

Sol.



Clearly all the conclusions I, II, III and IV follow.

**38. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

**Statements:**

- Some printers are coolers.
- No cooler is a telephone.
- All machines are telephones.

**Conclusions:**

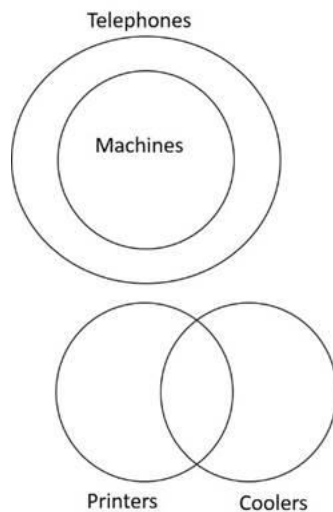
- I. Some printers are machines.
  - II. No machine is a cooler.
- A. Only conclusion II follows
  - B. Only conclusion I follows
  - C. Neither conclusion I nor II follows
  - D. Both the conclusions follow



Ans. A

Sol.

The minimum possible Venn diagram is as follows –



Conclusions:

I. Some printers are machines – It is not a definite case, hence false.

II. No machine is a cooler – Since, all Machines are Telephones and no Cooler is a Telephone, hence no Cooler is a Machine. Hence, true.

Thus, only conclusion II follows.

Hence, option A is the correct answer.

**39. Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**

**Statements:**

Some mangoes are bananas.

Some mangoes are apples.

**Conclusions:**

(I) Some bananas are mangoes.

(II) Some bananas are apples.

A. Either conclusion I or II follows

B. Neither conclusion I nor II follows

C. Only conclusion I follows

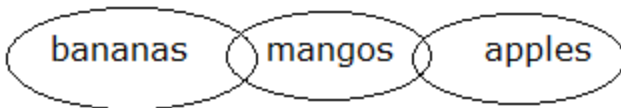
D. Only conclusion II follows

Ans. C

Sol.

The least possible Venn-diagram will be:





Conclusions:

(I) Some bananas are mangoes – It is a definite case, hence true.

(II) Some bananas are apples – It is not a definite case, hence false.

Thus, only conclusion I follow.

Hence, option C is the correct answer.

**40. Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true even if they do not conform to real-world knowledge, decide which of the conclusions logically follows/follow from the statements.**

**Statements:**

- 1). All watches are clocks.
- 2). Some clocks are machines.
- 3). Some machines are gadgets.

**Conclusions:**

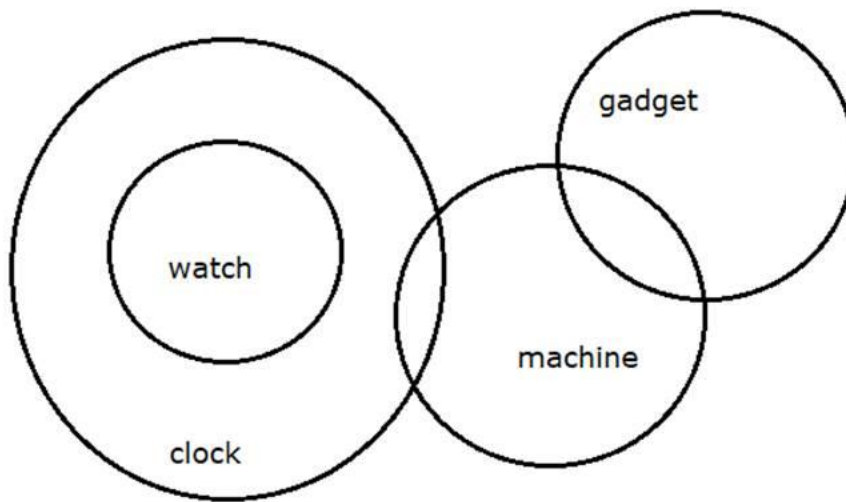
- I. Some watches are machines.
  - II. Some machines are clocks.
  - III. Some gadgets being clocks is a possibility.
- A. Only conclusion II follows.
  - B. All conclusions I, II and III follow.
  - C. Only conclusion III follows.
  - D. Only conclusions II and III follow.

Ans. D

Sol.

Minimum Possible diagram is-





Conclusions:

I. Some watches are machines. (It does not follow as it is just a possibility, but not surety.)

II. Some machines are clocks. (It follows because Some clocks are machines.)

III. Some gadgets being clocks is a possibility. (It follows as no negative statement given.)

So, only conclusions II and III follow.

Hence, option D is the correct answer.

**41. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true even if it appears to be at variance with commonly known facts decide which of the given conclusions logically follow(s) from the statements.**

**Statements:**

All peelers are funnels.

Some peelers are spatulas.

**Conclusions:**

I. Some peelers are not funnels.

II. Some spatulas are peelers.

A. Both conclusions I and II follow.

B. Only conclusion II follows.

C. Neither conclusion I nor II follows.

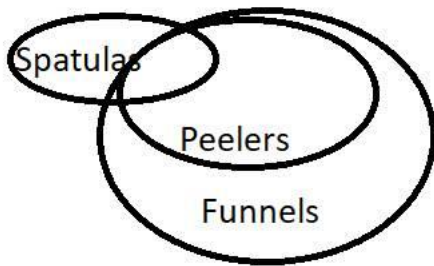
D. Only conclusion I follows.

Ans. B

Sol.

Possible venn diagram





Conclusions:

I. Some peelers are not funnels. – It is not a definite case, hence False.

II. Some spatulas are peelers. – It is a definite case, hence true.

Only conclusion II follows

Hence, option B is the correct answer.

42. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some locks are keys.

No key is a chain.

All springs are chains.

Conclusions:

I. Some keys are springs.

II. No key is a spring.

III. No lock is a spring.

A. Only conclusion II follows.

B. Only conclusions I and II follow.

C. None of the conclusions follow.

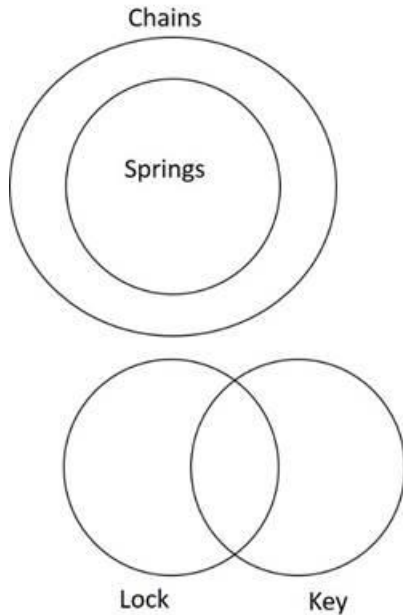
D. Either conclusion I or II follows.

Ans. A

Sol.

The minimum possible Venn diagram is –





Conclusions:

I. Some keys are springs – False, as it is not a definite case.

II. No key is a spring – True, as it is a definite case.

III. No lock is a spring – False, as it is not a definite case.

Thus, only conclusion II follows.

Hence, option A is the correct answer.

**43. Three statements are given, followed by four conclusions. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**

**Statements:**

- 1) Some women can cook well.
- 2) All women who can cook well are dancers.
- 3) Some dancers are players.

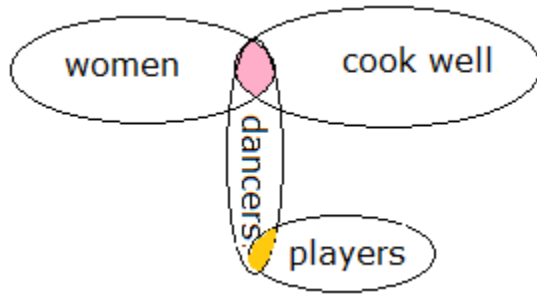
**Conclusions:**

- I. No dancer can cook well.
  - II. No dancer is a woman.
  - III. Some players are women.
  - IV. No player is a woman.
- A. Either conclusion III or IV follows.
  - B. Both conclusions II and IV follow.
  - C. Only conclusion III follows.
  - D. Both conclusions I and II follow.

Ans. A



Sol. As per the given statements the Venn-diagram will be as shown below:



Conclusions:

I. No dancer can cook well – It is not a definite case, hence false.

II. No dancer is a woman – It is not a definite case, hence false.

III. Some players are women – It is not a definite case, hence false.

IV. No player is a woman – It is not a definite case, hence false.

But, conclusion III and IV have complementary pairs thus either III or IV is follows.

Hence, option A is the correct answer.

**44. Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**

**Statements:**

All jewels are metals.

No metal is a diamond.

**Conclusions:**

I. No jewel is a diamond.

II. No diamond is a metal.

III. Some metals are jewels.

A. Only conclusions I and II follow

B. Only conclusions I and III follow

C. Only conclusions II and III follow

D. All of the conclusions follow

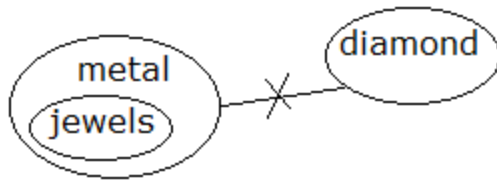
Ans. D

Sol.

The least possible Venn-diagram will be:







Conclusions:

- I. No jewel is a diamond – It is a definite case, hence true.
- II. No diamond is a metal – It is a definite case, hence true.
- III. Some metals are jewels – It is a definite case, hence true.

All of the conclusions follow

Hence, option D is the correct answer.

**45. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

**Statements:**

- All polygons are angles.
- All angles are diagonals.
- All cones are cubes.
- All cubes are decagons.
- No cone is a polygon.

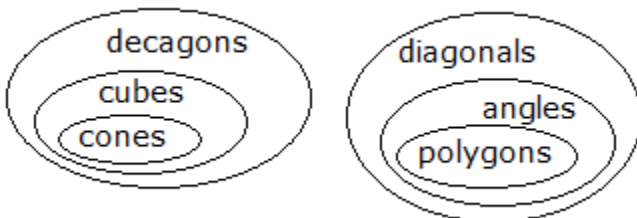
**Conclusions:**

- I. Some diagonals are polygons.
  - II. All diagonals are decagons.
  - III. No polygons is a cone.
  - IV. Some cubes are angles.
- A. Both conclusions II and IV follow
  - B. Only conclusions I follow
  - C. Both conclusions I and II follow
  - D. Both conclusions I and III follow

Ans. D

Sol.

The least possible Venn-diagram will be:



Conclusions:

- I. Some diagonals are polygons – It is a definite case, hence true.



II. All diagonals are decagons – It is not a definite case, hence false.  
 III. No polygons is a cone - It is a definite case, hence true.  
 IV. Some cubes are angles - It is not a definite case, hence false.  
 Thus only I and III follow.  
 Hence, option D is the correct answer.

**46. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

**Statements:**

All rats are cats.  
 Some cats are not dogs.

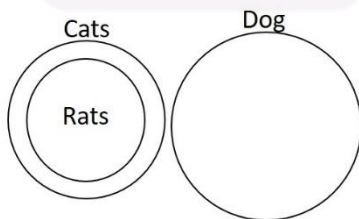
**Conclusions:**

- I. Some dogs are not rats.
- II. Some dogs are rats.
- A. Both conclusions I and II follow.
- B. Neither conclusion I nor II follows.
- C. Only conclusion II follows.
- D. Only conclusion I follows.

Ans. B

Sol.

Minimum Possible diagram is-



**Conclusions:**

- I. Some dogs are not rats. (It does not follow as it is just a possibility, not a surety.)
  - II. Some dogs are rats. (It also does not follow as it is just a possibility, not a surety.)
- So, neither conclusion I nor II follows.  
 Hence, option B is the correct answer.

**47. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**



**Statements:**

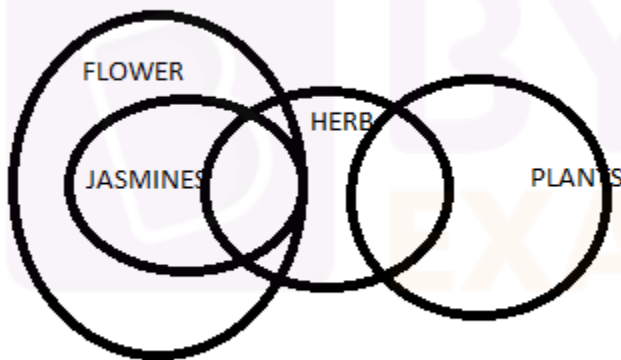
All jasmines are flowers.  
No flower is a plant.  
Some plants are herbs.

**Conclusions:**

- I. Some jasmines are herbs.
- II. No flower is a herb.
- III. No jasmine is a flower.
- A. Either conclusion I or II follows.
- B. Only conclusion I follows.
- C. Only conclusions II and III follow.
- D. Only conclusions I and II follow.

Ans. A

Sol.



From figure it can be concluded, if some jasmines are herb than some herb are flower.

So either conclusion I or II follows.

Conclusion III is wrong as all jasmines are flower.

Hence, option A is the correct answer.

**48. In the following question below are given some statements followed by some conclusions. Taking 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 conclusion logically follows the given statements.**

**Statements:**

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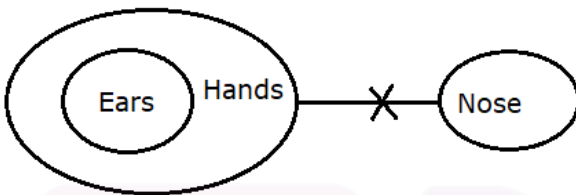
- I. All ears are hands.
- II. No hand is nose.

**Conclusions:**

- I. No ear is nose.
- II. All noses are ears.
- III. Some hands are noses.
- A. Only I
- B. Only II
- C. Only III
- D. None follows.

Ans. A

Sol.



- I. No ear is nose – It is a definite case, hence true.
  - II. All noses are ears – It is not a definite case, hence false.
  - III. Some hands are noses - It is not a definite case, hence false.
- So, only conclusion I follow.  
Hence, option A is the correct answer.

**49. In the following question below are given some statements followed by some conclusions. Taking 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 conclusion logically follows the given statements.**

**Statements:**

- 1) Some cups are plates.
- 2) No cup is pencil.

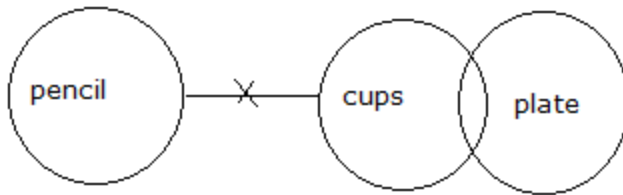
**Conclusions:**

- I. No plate is pencil.
- II. Some plates are pencils.
- III. Some Pencils are cups.
- A. Only I
- B. Only II
- C. Both I and II
- D. No conclusion follows.

Ans. D

Sol. The least possible Venn - diagram is:





- I. No plate is pencil – It is not a definite case, hence false.
  - II. Some plates are pencils –It is not a definite case, hence false.
  - III. Some pencils are cups – It is not a definite case, hence false.
- So, no conclusion follows.  
Hence, option D is the correct answer.

**50. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

**Statements:**

- I. Some cats are mice.
- II. All mice are dogs.

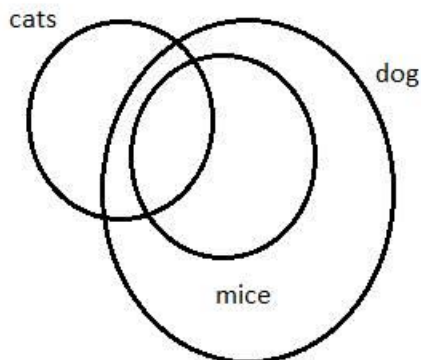
**Conclusions:**

- I: No dogs are cats.
- II: All cats are dogs.
- A. Only conclusion I follows
- B. Both conclusions I and II follow
- C. Only conclusion II follows
- D. Neither conclusion I nor II follows

Ans. D

Sol.

Minimum Possible diagram is-



Conclusions:

I: No dogs are cats. (It does not follow independently as there is no negative statement given in the question.)

II: All cats are dogs. (It also does not follow as its just a possibility, not surety.)

So, neither conclusion I nor II follows.

Hence, option D is the correct answer.



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