



**RBI • NABARD • SEBI**

**REASONING**

**SYLLOGISM**



## Top 25 Questions Based on Syllogism

**I.01-03) Below questions contain some statements followed by some conclusions. Study the following information carefully and decide which of the following conclusion logically follows**

**Answer**

- A. If only I follow**
- B. If only II follows**
- C. If either I or II follows**
- D. If neither I nor II follows**
- E. If both I and II follow**

**Q1. Statement:**

Only Cows are Goat.  
Some Cows are Horse.  
Some Horses are Bull.

**Conclusion:**

- I. Some Cow can never be Bull.
- II. Some goat can never be Horse

**Q2. Statement:**

Only a few Dosa is Idly.  
Some Idly are Raita.  
All Raitas are Papad.

**Conclusion:**

- I. Some Idly can never be Dosa.
- II. Some Dosa are not Raita.

**Q3. Statement:**

Few Woods are Mineral  
No Mineral is Steel  
Some Ores are Steel

**Conclusion:**

- I. Some Woods are not Ore.
- II. All Ore can be Mineral.

**I.04-07) In the question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be in variance with 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.**

**Q4. Statements:**

Some ocean is water.  
Some river is sea.  
No sea is ocean.  
Only ocean is lake.

**Conclusions:**

- I. Some lake being water is a possibility.
- II. No lake is sea.
- III. Some water being river is a possibility.

- A. Only conclusion II follows
- B. Both conclusion I and II follow.
- C. Only conclusion III follows.
- D. Both conclusion II and III follow.
- E. None of the above.

**Q5. Statements:**

- Only student is pet.
- No animal is student.
- All person is animal.

**Conclusions:**

- I. Some person being student is a possibility.
  - II. No pet is animal.
- 
- A. Both conclusion I and II follow
  - B. Only conclusion I follows
  - C. Only conclusion II follows.
  - D. Neither conclusion I nor conclusion II follow.
  - E. None of the above.

**Q6. Statements:**

- Only room is floor.
- No balcony is room.
- All window is balcony.
- Some door is window.

**Conclusions:**

- I. No balcony is door.
- II. No floor is balcony.
- III. Some window being room is a possibility.

- A. Only conclusion II follows
- B. Both conclusion I and II follow.
- C. Only conclusion III follows
- D. Both conclusion II and III follow.
- E. None of the above.

**Q7. Statements:**

- Only shirt is pant.
- Some cloth is shirt.
- Some shoe is cloth.

**Conclusions:**

- I. Some cloth being pant is a possibility.
  - II. No shirt is shoe.
- 
- A. Both conclusion I and II follow.
  - B. Only conclusion I follows.
  - C. Only conclusion II follows.
  - D. Neither conclusion I nor conclusion II follow.
  - E. None of the above.

**I.08-10) Read the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.**

**Q8. Statements:**

**Some Vessels are Plastic.**

**All Balls are Plastic.**

**Only a few Metals are Gun.**

**No Gun is Plastic.**

- A. Some balls are Vessels.
- B. Some Metals are not Ball.
- C. No Vessel is Gun
- D. All of the above follow
- E. None follows

**Q9). Statements:**

**Some Jacks are Spade.**

**Only a few Spades are Heart.**

**Some Hearts are Club.**

**All Clubs are Black.**

**No Black is Red.**

- A. All Heart cannot be Red
- B. All Jacks are Red is a possibility.
- C. Some Blacks are Heart.
- D. All of the above Follow
- E. None follows

**Q10). Statements:**

**Only Mobiles are Android.**

**Only a few Mobiles are Tablet.**

**No Tablet is Landline.**

**All Phones are Landline.**

- A. Some Mobiles are Landline
- B. No Phone is Android
- C. Some Tablets can be Android.
- D. All of the above follow
- E. None follows

I.11-13) In the question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be in variance with 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.

**Answer As**

- A. Only conclusion I follows
- B. Only conclusion II follows
- C. Both conclusion I and II follows
- D. Only conclusion III follows
- E. None follows

**Q11. Statement:**

Only a few brinjals are mangoes.  
No mango is fruit.

**Conclusion:**

- I. No fruit is Brinjal
- II. All fruits being brinjal is a possibility
- III. All brinjal being fruit is a possibility

**Q12. Statement:**

All trees are veggies  
Some veggies are fruits  
No fruit is a liquid

**Conclusion**

- I. At Least some fruits are veggies
- II. All veggies can be tree
- III. No tree is liquid

**Q13. Statement:**

Most of the sun is moon  
A few moon is earth  
No earth is Jupiter

**Conclusion**

- I) Some moon are Jupiter
- II) Some sun is earth
- III) No moon is Jupiter

**Q14. In this question below are three conclusions followed by five set of statements, you have to choose the correct set of statements that logically satisfies the given conclusions.**

**Conclusions**

- I. All fire can be sand.

- II. All Sand can be Sugar.  
 III. All fire can be mountain

**Statements**

- I. Some sugar is sand, some sand is mountain, no sugar is fire  
 II. No mountain is sand, all sugar is fire, no sand is fire  
 III. Some Mountain Are Sand, all sugar is Fire, only a few Sand are Fire  
 IV. No mountain is fire, some sand is sugar, some sugar is fire  
 V. All mountain is sand, no sand is fire, All fire is sugar

- A. Both conclusion II and IV follows  
 B. Only Conclusion II follows  
 C. Only conclusion III follows  
 D. Both conclusion III and IV follows  
 E. Both conclusion I and IV follows

**Q15. Statements:**

- 1) only color is cloud  
 2) Only few green is bird  
 3) All cloud is green

**Conclusions:**

- I. Some bird being color is a possibility  
 II. All color can never be green  
 III. Some cloud being bird is a possibility

- A. Only conclusion I and III follows  
 B. only conclusion II and III follows  
 C. All follows  
 D. Both conclusion I and II follows  
 E. Only conclusion II follows

**Q16. Statements:**

- 1) Only Star is mars  
 2) Some stars are stick  
 3) All stick is thunder

**Conclusions:**

- I. Some thunder being mars is a possibility  
 II. No star is thunder  
 III. Only stick is star

- A. Both conclusion II and III follows  
 B. Only conclusion I follows  
 C. Both conclusion I and II follows  
 D. None follows  
 E. All follows



**Q17. In this question below are three conclusions followed by five set of statements, you have to choose the correct set of statements that logically satisfies the given conclusions.**

**Conclusions:**

- I. Some tissue are paper**
- II. Some razor are blade**
- III. some blade are paper**

**Statements:**

- I. all paper is razor, some paper is tissue, no tissue is blade**
- II. some razor is tissue, no razor is blade, no razor is paper**
- III. Only few Blade are Tissue, All tissue are Paper, No Razor are Paper**
- IV. all blade is paper, all tissue are paper, Only razor is paper**
- V. some paper is tissue, some tissue is razor, no blade is paper**

- A. All except V follows
- B. Only conclusion III follows
- C. Only conclusion IV follows
- D. Only conclusion II and III follows
- E. Only conclusion III and IV follows

**I.18-25) In the question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be in variance with 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.**

**Q18. Statements:**

**No fruit is vegetable.**

**Only a few vegetable is mango.**

**No mango is grape.**

**Some grape is orange.**

**Conclusions:**

- I. No orange is vegetable.**
- II. Some fruit is mango.**
- III. All vegetable being grape is a possibility.**

- A. if only conclusion I follows.
- B. if only conclusion II follows.
- C. If both conclusions I and II follow.
- D. if both conclusion II nor III follows.
- E. None of the above

**Q19. Statements:**

**Only a few red is yellow.**

**No yellow is blue.**

**Only a few blue is green.**

**Some green is pink.**

**Conclusions:****I. All red being blue is a possibility.****II. Some pink being blue is a possibility.****III. Some yellow is pink.**

- A. if only conclusion I follows.
- B. if only conclusion II follows.
- C. if either conclusion I or II follows.
- D. if both conclusion I and III follows.
- E. if both conclusion I and II follow.

**Q20. Statements:****Only a few boy is girl.****Some girl is man.****Only a few man is woman.****No woman is kid.****Conclusions:****I. Some girl is not boy is a possibility.****II. Some woman is not man.****III. Some kid being girl is a possibility.**

- A. if only conclusion II follows.
- B. if both conclusion I and II follow.
- C. if both conclusion III and II follows.
- D. if both conclusion I and III follows.
- E. if only conclusion I follows.

**Q21. Statements:****Only a few keyboard is laptop.****Some laptop is monitor.****No monitor is IC.****Conclusions:****I. Some keyboard is not laptop.****II. All laptop being IC is a possibility.**

- A. Only conclusion I follows
- B. Only conclusion II follows.
- C. Both conclusion I and II follow
- D. Neither conclusion I nor conclusion II follows.
- E. None of the above

**Q22. Statements:****No table is chair.****No chair is bench.****Only a few bench is box.****Conclusions:****I. Some box being table is a possibility.****II. All box being bench is a possibility.**



- A. Only conclusion I follows.
- B. Both conclusion I and II follow.
- C. Only conclusion II follows.
- D. Neither conclusion I nor conclusion II follows.
- E. None of the above

**Q23. Statements:**

**All rivers are water.**

**Some water is pond.**

**No pond is tree.**

**All trees are jungle.**

**Conclusions:**

**I. Some rivers are pond.**

**II. Some water is not tree.**

**III. All rivers being jungle is a possibility.**

- A. If only conclusion I follows.
- B. If only conclusion III follows
- C. If only conclusion II and III follows.
- D. If only conclusion I and II follows.
- E. None follows

**Q24. Statements:**

**Some triangles are square.**

**All squares are cube.**

**No cube is circle.**

**Some circles are rectangle.**

**Conclusions:**

**I. All triangles being circle is a possibility.**

**II. No square is circle.**

**III. Some triangle is cube.**

- A. If only conclusion II follows.
- B. If only conclusion III follows
- C. If only conclusion I and III follows.
- D. If only conclusion II and III follows.
- E. None follows.

**Q25. Statements:**

**No black is orange.**

**All yellow is orange.**

**Some yellow is green.**

**All green is pink.**

**Conclusions:**

**I. Some orange are pink.**

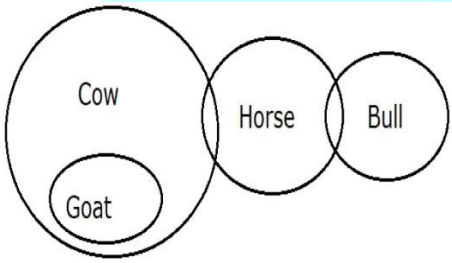
**II. All orange being yellow is a possibility.**

**III. Some green is not black.**

- A. If only conclusion I follows.
- B. If only conclusion III follows
- C. If only conclusion I and III follows.
- D. If only conclusion II follows.
- E. All follow.

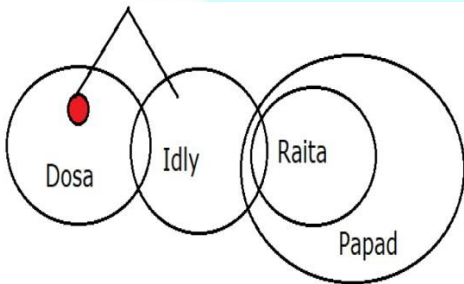
## Solution With Answer Key:

1). E



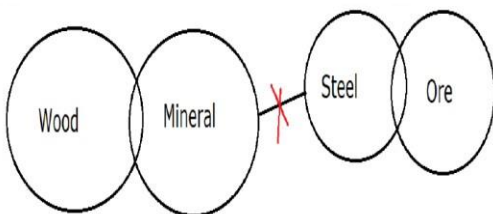
Both conclusion I and II follows

2). D



Neither conclusion I nor II follows

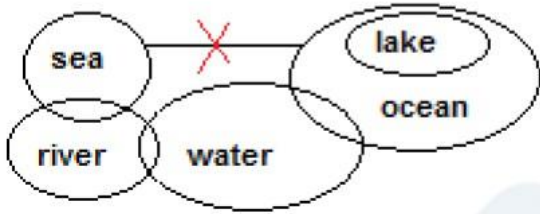
3). D



Neither conclusion I nor II follows

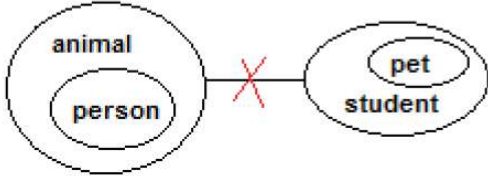
4). D

Both conclusion II and III follow.



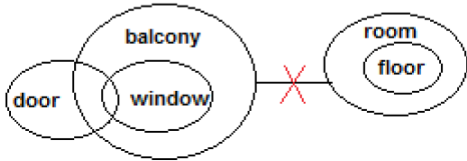
5). C

Only conclusion II follows.



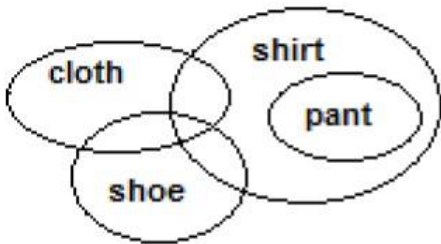
6). A

Only conclusion II follows.

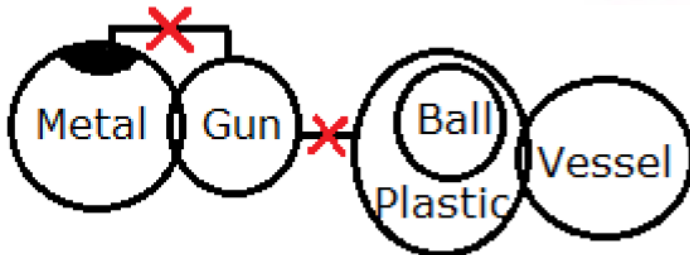


7). D

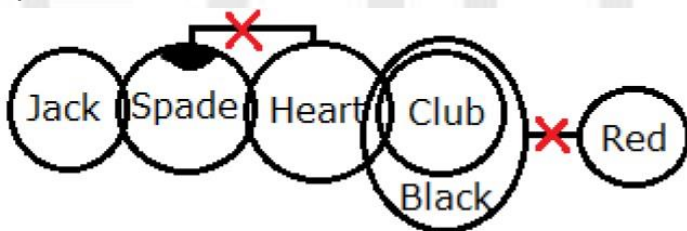
Neither conclusion I nor conclusion II follow.



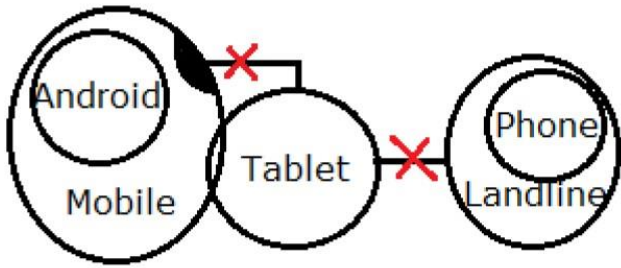
8). B



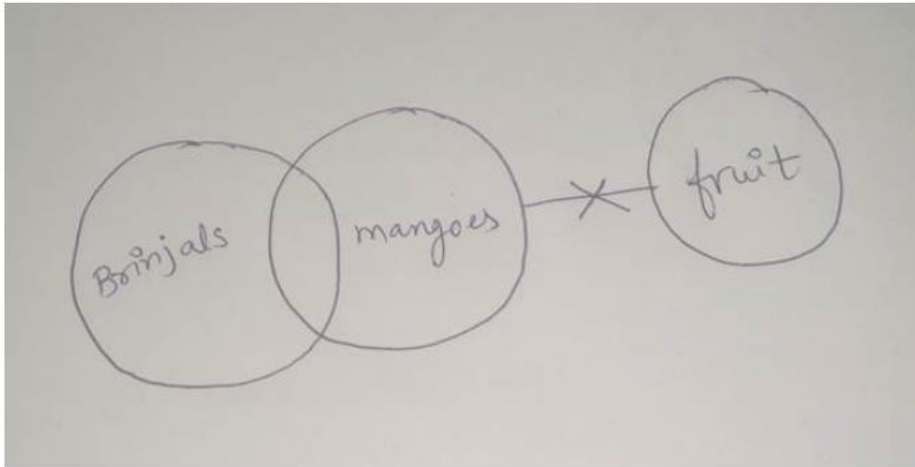
9). D



10). B



11). B



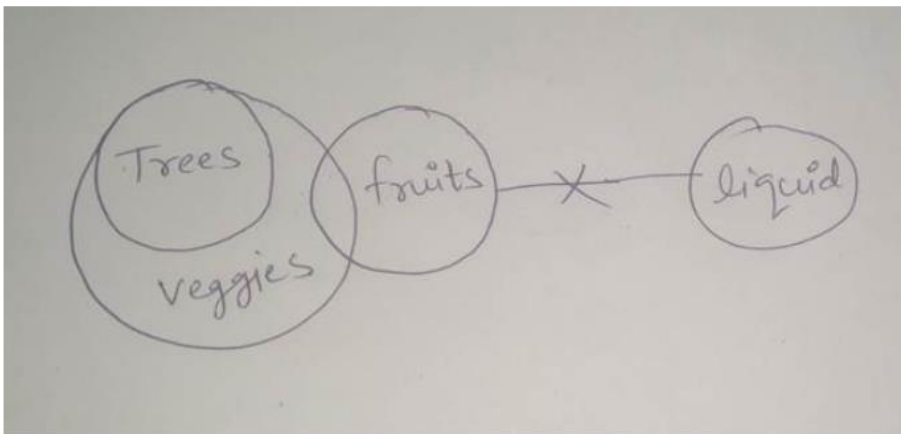
No fruit is Brinjal → False

All fruits being brinjal is a possibility → True it is a possibility

All brinjal being fruit is a possibility → False

Here, the conclusion "all fruits being brinjal is a possibility" holds.

12). A



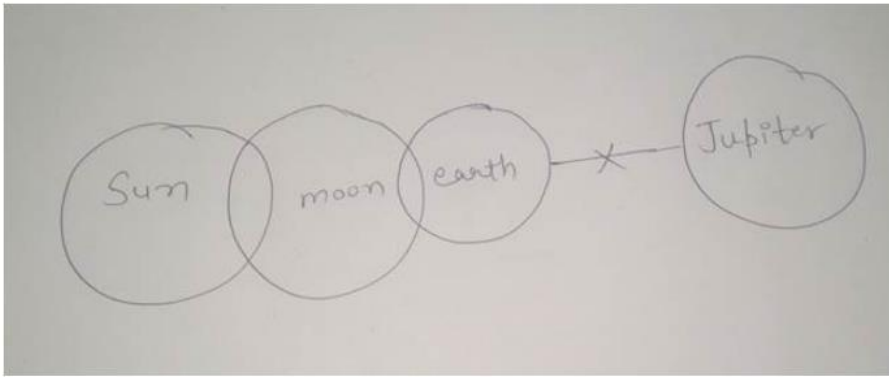
At Least some fruits are veggies → True

All veggies can be tree → Can't say → False

No tree is liquid → False

Therefore, option (a) is correct.

13). E



Some moon are Jupiter → False  
 Some sun is earth → False  
 No moon is Jupiter → False  
 Therefore, option (e) is correct.

**14). C**

*Statement I: Some sugar is sand, some sand is mountain, no sugar is fire*

→ here the conclusion, 'all sand can be sugar' does not follows.

*Statement II: No mountain is sand, all sugar is fire, no sand is fire*

→ Here both conclusion I and II does not follow.

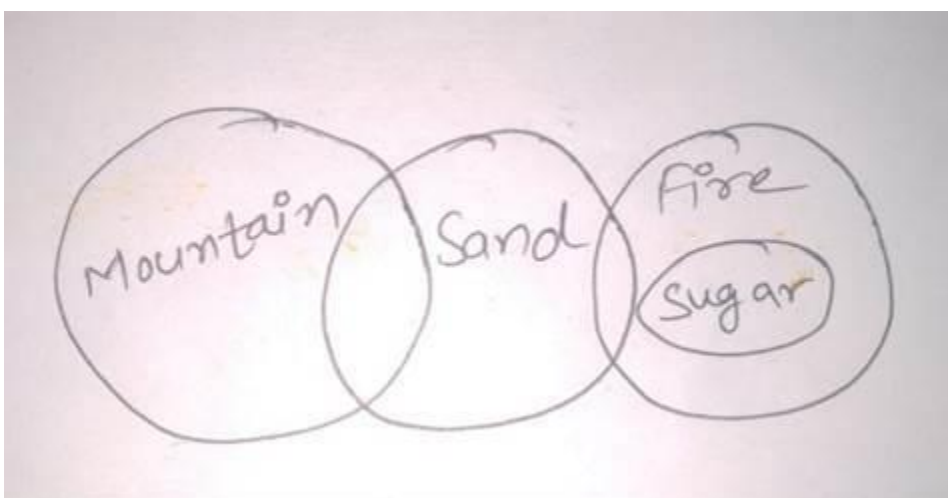
*Statement IV: No mountain is fire, some sand is sugar, some sugar is fire*

→ Here, conclusion III does not follow

*Statement V: All mountain is sand, no sand is fire, All fire is sugar*

→ Here, conclusion I and III does not follow

Only Statement III: Some Mountain Are Sand, all sugar is Fire, only a few Sand are Fire

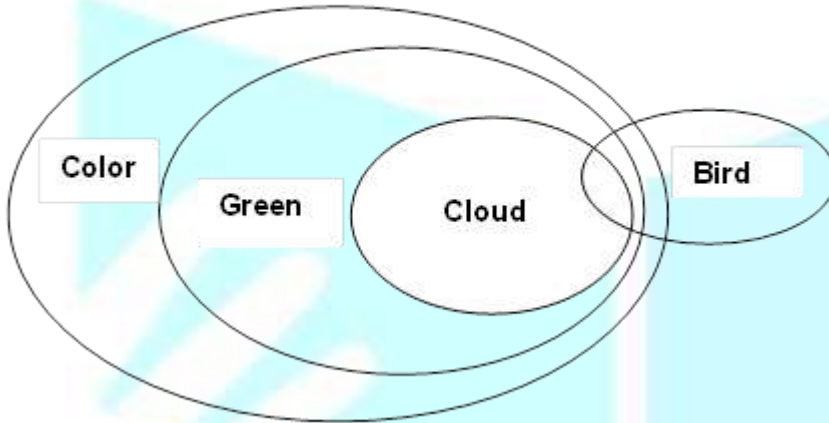


Satisfies the conclusions.

**15). A**

Statements:

- 1) only color is cloud
- 2) Only few green is bird
- 3) All cloud is green



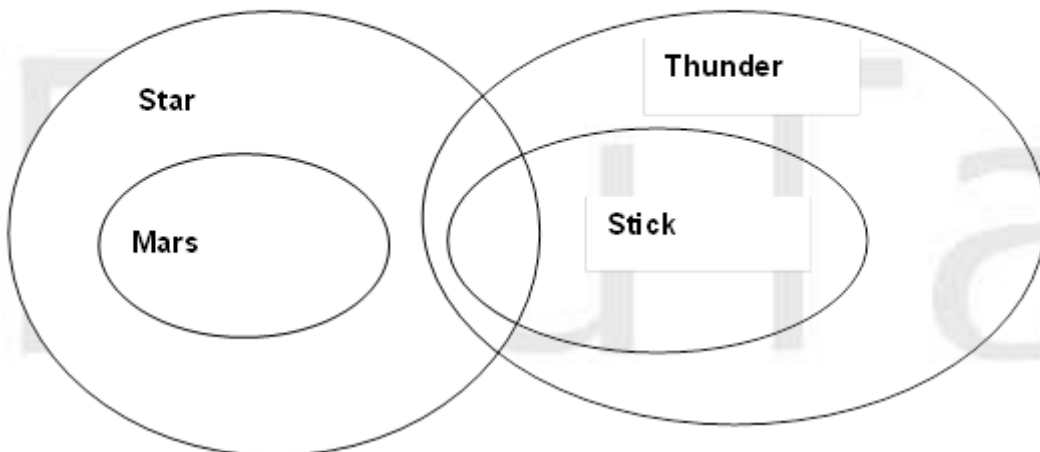
Conclusions 'Some bird being color is a possibility' and 'Some cloud being bird is a possibility' follows.

**16). B**

Explanation-

Statements:

- 1) Only Star is mars
- 2) Some stars are stick
- 3) All stick is thunder





Only conclusion 'Some thunder being mars is a possibility' follows.

**17). C**

*Statement I: all paper is razor, some paper is tissue, no tissue is blade*

→ here the conclusion II & III does not follow.

*Statement II: some razor is tissue, no razor is blade, no razor is paper*

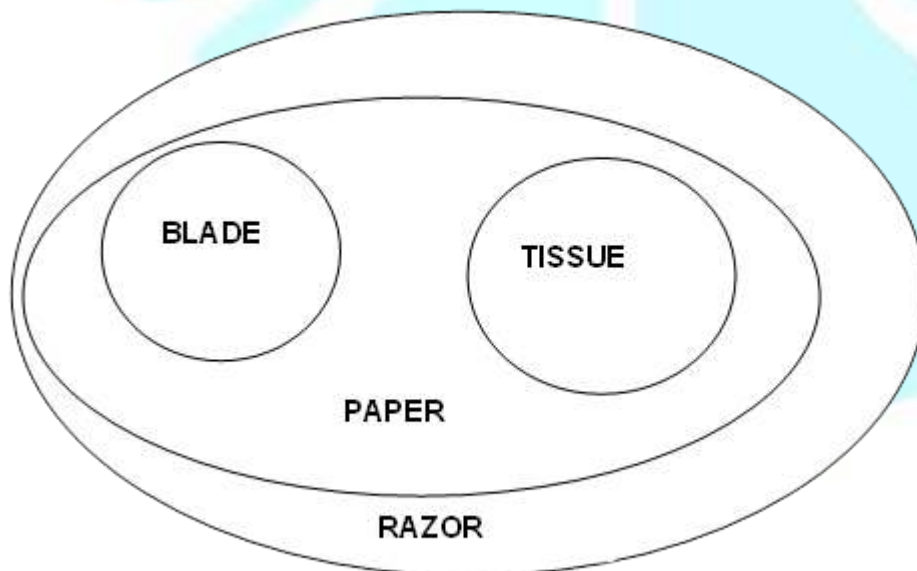
→ Here any conclusion does not follow.

*Statement III: Only few Blade are Tissue, All tissue are Paper, No Razor are Paper*

→ Here, conclusion II does not follow.

*Statement IV: all blade is paper, all tissue are paper, Only razor is paper*

→ Here, all three conclusion follows.

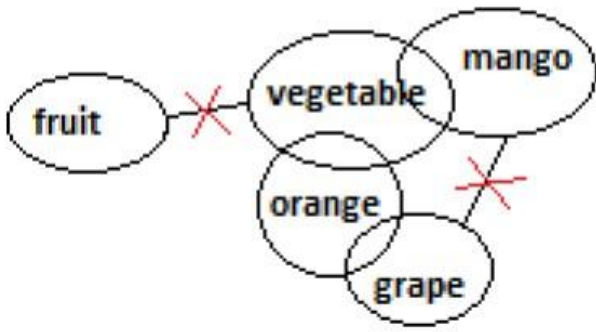


*Statement V: some paper is tissue, some tissue is razor, no blade is paper*

→ Here, conclusion I and III does not follow.

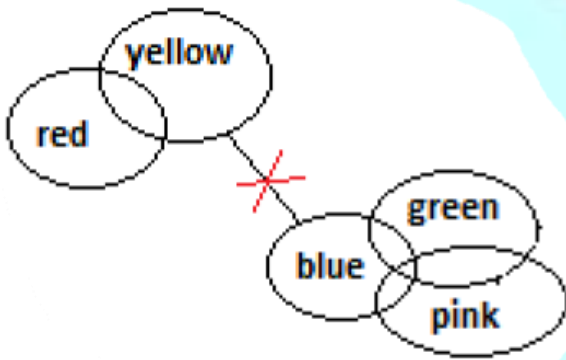
**18). E**

None of the above



19). B

Only conclusion II follows.



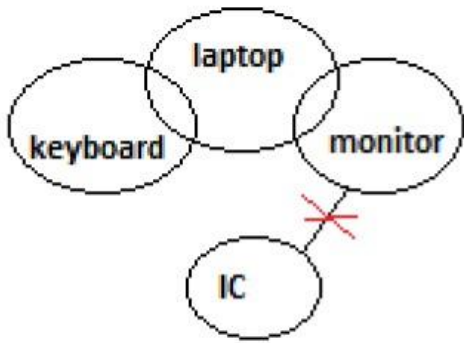
20). D

Both conclusion I and III follow.



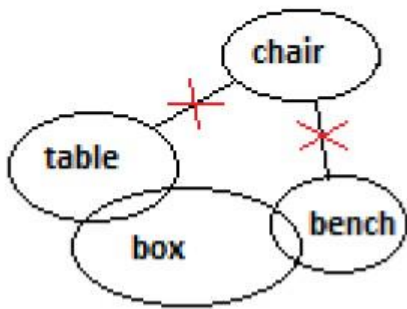
21). A

Only conclusion I follows.

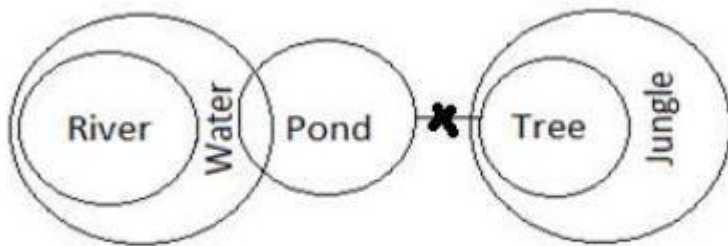


22). B

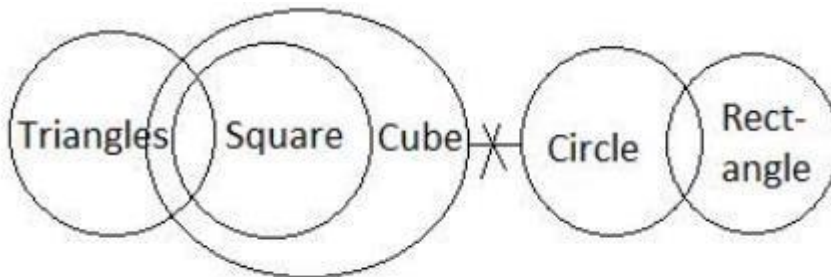
Both conclusion I and II follow.



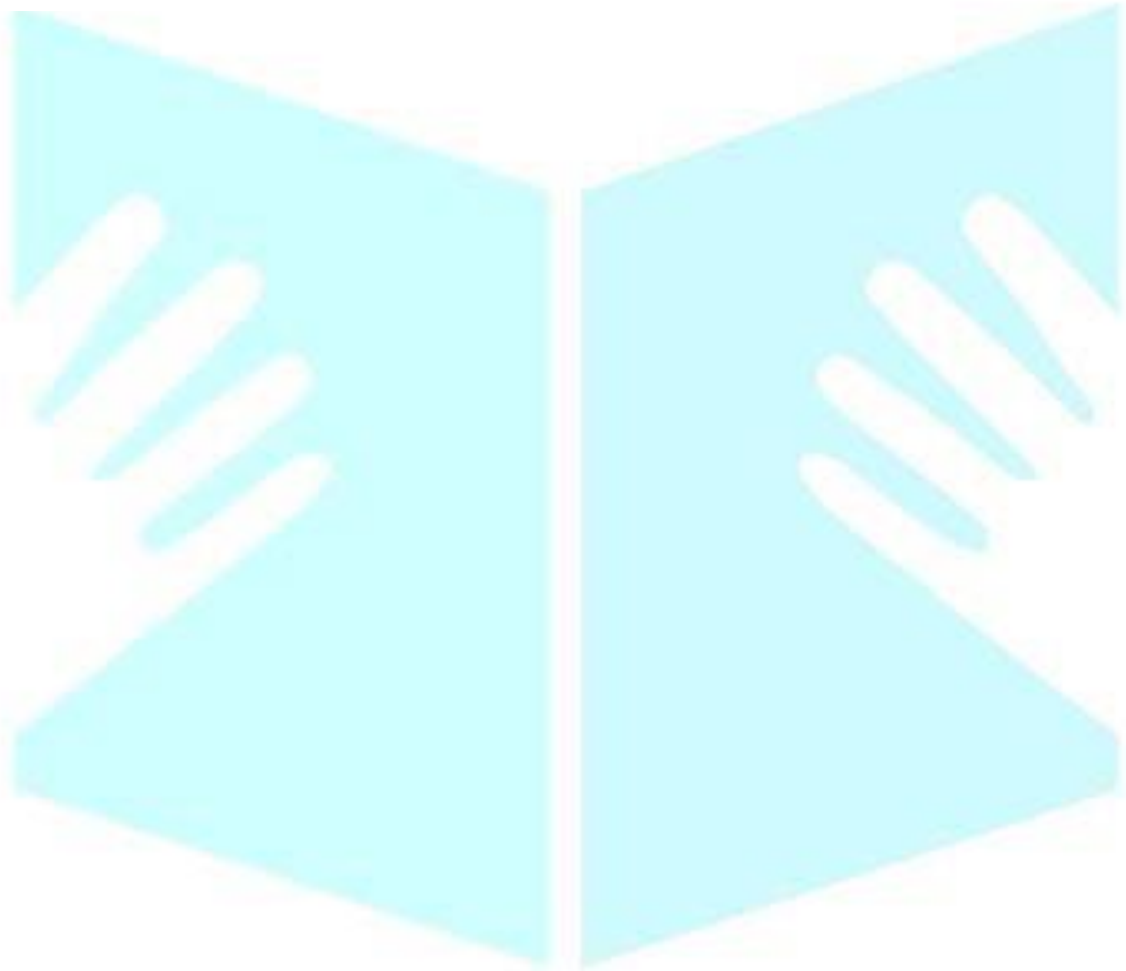
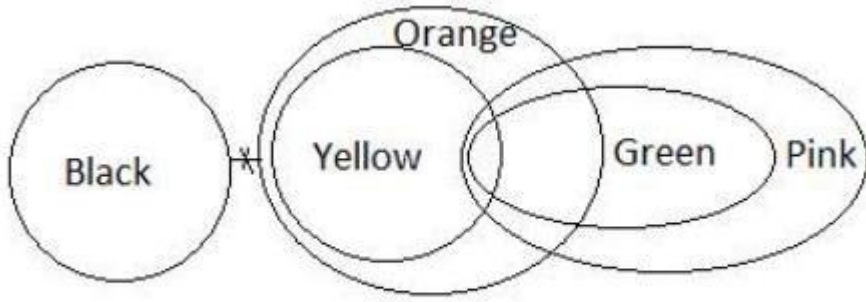
23). C



24). D



25). E



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