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## Syllogism Tricks \& Tips

Syllogism is one of the most important and interesting topics in Reasoning and Solving Syllogism is always fun if you understand the shortcuts. If you understand the below concepts I assure you that you can solve 5 syllogism problems in just 1 min.

Syllogism often appears as a part of Logical Reasoning or Verbal Reasoning. It consists of some premises (statements) and one or more conclusions. The conclusions are derived from the given statements. The statements and conclusions may often seem to be illogical or go against what we know to be facts according to our daily lives. But we MUST assume the statements to be true. Whether the conclusion is true or not in the context of the true statements given, is what the question is about in syllogisms.

Have a Pen with you. Go through all the concepts one by one. Understand how to draw Venn Diagrams for each concepts. Then understand how the conclusion are made for each concepts.(Just don't Scroll down fast!!!).

In syllogism all you need to understand the statement, draw the Venn diagram one by one and derived the conclusion.

Point to Remember while Solving Syllogism

- Anything is possible in a statement.
- Negative Answer will never be there.

Simple Case:


| STATEMENT | CONCLUSION | ANSWER |
| :---: | :---: | :---: |
| Some | All | FALSE |
|  | No |  |
|  | Some | TRUE |
|  | Some Not |  |
| All | No | FALSE |
|  | Some Not |  |
|  | Some |  |
|  | No | All |
|  | Some |  |
|  | FALSE |  |
|  | All |  |
|  | No | Some Not |
| Some Not | Only | TRUE |

## Concept-1

Statement: All A is B.
Venn diagram:


## Conclusions:

a) All $A$ is $B$
b) Some $A$ is $B$
c) Some B is A

## Concept-2

Statement: Some Apple is Fruit. Some Fruit is Mango.
Venn diagram:


## Conclusions:

a) Some Apple is Fruit
b) Some Fruit is Apple
c) Some Fruit is Mango
d) Some Mango is Fruit

## Concept-3

Statement: Some A is B. All B is C.
Venn diagram:


## Conclusion:

a) Some $A$ is $B$
b) Some $A$ is $C$
c) Some $C$ is $A$
d) Some $C$ is $B$
e) Some B is $C$
f) All B is $C$

## Concept-4

Statement: All A is B. Some B is C.
Venn diagram:


## Conclusion:

a) All A is B

d) Some B is C
e) Some $C$ is $B$

Note: There is no direct relation between A \& C, so it is not possible to derive any conclusion between $A \& C$.

## Concept-5

Statement: All B is A. All C is A.
Venn diagram:


## Conclusion:

a) All B is A
b) All $C$ is $A$
c) Some B is A
d) Some $A$ is $B$
e) Some $C$ is $A$
f) Some $A$ is $C$

Note: There is no direct relation between $B \& C$, so it is not possible to derive any conclusion between $B \& C$.

## Concept-6

Statement: No A is B.
Venn diagram:


Conclusion:
a) No $A$ is $B$
b) No $B$ is $A$
c) Some A is not B
d) Some $B$ is not $A$
 Venn diagram:



## Conclusions:

a) All $A$ is $B$
b) Some $A$ is $B$
c) Some B is $A$
d) No B is $C$
e) $N o$ C is $B$
f) Some $B$ is not $C$
g) Some $C$ is not $B$
h) $\mathrm{No} A$ is $C$
i) No $C$ is $A$
j) Some $A$ is not $C$
k) Some $C$ is not $A$

## Concept-8

Statement: Some Apple is Fruit. No Fruit is Mango.
Venn diagram:


## Conclusion:

a) Some Apple is Fruit
b) Some Fruit is Apple
c) No Fruit is Mango
d) No Mango is Fruit
e) Some Fruit is not Mango
f) Some Mango is not Fruit
g) No Apple is Mango
h) No Mango is Apple
i) Some Apple is not Mango
j) Some Mango is not Apple


POSSIBILITY CASE:
When the term possibility arises in conclusion, we need to check:

- When "Some Relation" is given in statement and "All" is desired in the conclusion [POSSIBILITY = TRUE]
- When "No Relation" is given in statement and "All/Some" is desired in the conclusion [POSSIBILITY=TRUE]

In a statement these word are possibilities:

- Can be
- Possible
- May be / might be
- Chances
- Occurs
- is being a possibility
- is a possible

In a statement these word are sureties:

- Can Never be
- Can

| STATEMENT | CONCLUSION | ANSWER |
| :---: | :---: | :---: |
| Some | All | FALSE |
|  | Some |  |
|  | All | TRUE |
|  | Some Not |  |
| Some Not | All |  |
|  | Some Not |  |
|  | Some | TRUE |
|  | Some |  |

## Rule-1

Statement: All A is B.
Venn diagram:


Possibility: All B being $A$ is a possibility



## Rule-2

Statement: Some A is B.
Venn diagram:


Possibility:
a) All A being $B$ is a possibility
b) All $B$ being $A$ is a possibility


## Example:

Statement: Some Apple is Fruit. Some Fruit is Mango. Some Mango is Tree Venn diagram:


## Conclusion:

a) Some Apple being Mango is a possibility.
b) Some Mango being Apple is a possibility.
c) Some Apple being Tree is a possibility.
d) Some Tree being Apple is a possibility.
e) Some Fruit being Tree is a possibility.
f) Some Tree being Fruit is a possibility.

## Syllogism

Directions: (1-20): In each question below, there are three or four statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements.

## 1).Statements:

All buildings are books All books are roads
All roads are packs Conclusions:
I) Some roads are buildings
II) All books are packs
III) All packs are roads
a) Only I and II follows
b) Only I and III follow
c) Only II and III follow
d) All I, II and III follows
e) None of these
2).Statements: All cups are circle

Some circles are drums All drums are blue Conclusions:
I) Some blue are cups
II) Some blue are circles
III) Some drums are cups
a) Only I follow
b) Only II follows
c) Only III follow
d) All I, II and III follows
e) None of these

## 3).Statements:

Some bikes are cycles Some cycles are trains Some trains are rocket
Conclusions:
I) Some trains are cycles
II) Some trains are bikes
III) Some rocket are bikes
a) Only I and II follows
b) Only I and III follow
c) Only II and III follow
d) All I, II and III follows
e) None of these

## 4).Statements: All dogs are pets

Some pets are rats All rats are bats Conclusions:
I) Some bats are pets II)Some bats are dogs
III) Some rats are pets
a) Only I and II follows
b) Only II and III follow
c) Only I and III follow
d) All I, II and III follows
e) None of these

## 5).Statements: All pens are cats All cats are rings All rings are mats Conclusions:

I) Some rings are pens
II) Some mats are cats
III) Some mats are pens
a) Only I and II follows
b) Only I and III follow

d) All I, II and III follows
e) None of these
6).Statements:

Some tables are sticks All sticks are houses
All houses are buildings Conclusions:
I) All houses are sticks
II) Some buildings are sticks
III) Some houses are tables
a) Only II and III follow
b) Only I and II follows
c) Only I and III follow
d) All I,II and III follows
e) None of these
7).Statements:

Some boxes are chairs No chairs is roads
All roads are tents Conclusions:
I) Some tents are chairs
II) Some roads are boxes III)No chairs is tents
a) Only either I or II follows
b) Only either I or III follows
c) Only either II or III follows
d) All I,II and III follows
e) None of these
8).Statements: All cups are stars

Some glasses are tables Conclusions:
I) Some tables are stars
II) Some glass are cups
III) No table is stars IV)Some jugs are cups
a) Only I and II follows
b) Only I, II and III follows
c) Only either I or III follows
d) Only either I or III follows
e) None of these

## 9).Statements:

Some chairs are bottles All bottles are pots
All pots are rats Some rats are buses Conclusions:
I) Some buses are bottles
II) Some rats are chairs
III) No bus is bottles
IV) Some rats are bottles
a) Only I and II follows
b) Only I, II and III follows
c) Only either I or III and III follow
d) Only either I or III and IV follow
e) None of these
10).Statements:

All birds are handles All handles are tigers Some tigers are real
Some real are monkeys Conclusions:

II) Some monkeys are birds
III) Some tigers are birds
IV) Some monkeys are handles
a) All follow
b) Only I and III follow
c) Only II and IV follow
d) Only I and IV follow
e) None of these

## 11).Statements:

Some umbrellas are sticks. Some sticks are balls.
Some balls are bats. All bats are guns.

## Conclusions:

I. Some balls are umbrellas.
II. Some guns are bats.
III. Some sticks are guns.
IV. Some balls are guns.
a) Only I, II and IV not follow
b) Only I and III not follow
c) Only III and IV not follow
d) Only II and IV not follow
e) None of these

## 12).Statements:

Some cards are notebooks. Some notebooks are dictionaries. Some dictionaries are files.
All files are envelopes. Conclusions:
I. Some envelopes are notebooks.
II. Some files are notebooks.
III. Some cards are dictionaries.
IV. No dictionary is an envelope.
a) All not follows
b) Only I, II and III not follow
c) Only II and III not follow
d) Only III and IV not follow
e) None of these

## 13).Statements: Some keys are letters.

All letters are locks. All locks are numbers. No number is a coin. Conclusions:
I. Some keys are numbers.
II. All letters are numbers.
III. Some locks are keys.
IV. No coin is a letter.
a) Only I and II not follow
b) Only I, II and III not follow
c) Only II and III not follow
d) Only II, III and IV not follow
e) All follows

## 14).Statements:

Some floppies are CDs. Some CDs are keyboards.
Some keyboards are computers. Some computers are monitors. Conclusions:
I. Some monitors are floppies.
II. Some monitors are computers.
III. Some computers are CDs.
IV. Some keyboards are floppies.
a) Only I not follow
b) Only I, III and IV not follow
c) Only II not follows
d) Only II not follows
e) None of these
15).Statements: All cards are pins.

Some pins are tablets. All tablets are needles.

Some needles are threads. Conclusions:
I. Some needles are pins.
II. Some pins are cards.
III. Some threads are needles.
IV. Some needles are tablets.
a) All not follows
b) Only I and II not follow
c) All follow
d) Only II, III and IV not follow
e) Only I, II and III not follow
16).Statements: All cells are bins. All bins are petals. No petal is root.

All roots are leafs. Conclusions:
I. No cell is bin.
II. No bins are root.
III. All cells are petals.
IV. All leafs are roots.
a) Only I and II not follow
b) Only I and IV not follow
c) Only I, II and III not follow
d) All not follows
e) None of these
17).Statements: All poles are fans.

All fans are stands. Some stands are lines. Some lines are boxes. Conclusions:
I. Some boxes are poles.
II. Some fans are boxes.
III. Some lines are poles.
IV. Some lines are fans.
a) All not follows
b) Only I and II not follow
c) Only II and IV not follow
d) Only III and IV not follow
e) Only I, II and IV not follow

## 18).Statements:

Some scales are weights. All weights are metals.
Some metals are rings. All rings are bands.
Conclusions:
I. Some bands are scales.
II. Some weights are bands.
III. Some rings are scales.
IV. Some metals are scales.

b) Only I and II not follow
c) Only II and III not follow
d) Only II and IV not follow
e) None of these
19).Statements: Some tools are seeds.

Some seeds are cycles. Some cycles are tubes. Some tubes are rains. Conclusions:
I. Some tubes are seeds.
II. Some cycles are tools.
III. Some seed are rain.
IV. Some rains are cycles.
a) Only I not follow
b) Only I or III not follows
c) Only I and II not follow
d) All not follows
e) None of these

## 20).Statements:

All stones are pearls. Some pearls are shells. Some shells are boxes. No box is container.
Conclusions:
I. Some stones are shells.
II. No pearl is container.
III. No shell is container.
IV. Some boxes are stone is a possibility.
a) Only II not follows
b) Only II and III not follow
c) Only I, II and HI not follows
d) Only III follows
e) All not follows

Directions (Q.21-25): In each question below are given three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at 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.

Give answer:
a. If only conclusion I follows
b. If only conclusion II follows
c. If either conclusion I or II follows
d. If neither conclusion I nor II follows
e. If both conclusion I and II follow.

## 21).Statements:

All rains are rivers some rains are waters some rivers are seas Conclusions:
I. All rivers being water is a possibility
II. All rains can be water
22).Statements:

All books are papers No book is a chair Some chairs are tables
Conclusions:
I. At least some papers are books
II. All tables being paper is a possibility

## 23).Statements:

No triangle is a square No circle is a rectangle Some squares are circles Conclusions:

II. Some rectangles are square
24).Statements: All cups are plates

All plates are boxes No box is spoon Conclusions:
I. All plates being spoon is a possibility
II. Some boxes are not plate
25).Statements: All bikes are cars

Some cars are buses All buses are trucks Conclusions:
I. All buses are cars
II. Some cars are trucks

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Directions (Q.26-30): In each question below are given three statements followed by three conclusions numbered I, II and III. You have to take the given statements to be true even if they seem to be at 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.

## 26).Statements:

Some books are notes No paper is a pen
All notes are papers
Conclusions:
I. All books being paper is a possibility
II. All pens being books is a possibility
III. All notes being books is a possibility
a) Only I follows
b) Only II follows
c) Only III follows

d) Only I and II follows
e) None of these


## 27).Statements:

All pins are threads Some threads are fingers All fingers are nails Conclusions:
I. Some fingers are pins
II. At least some fingers are threads
III. All nails are fingers
a) Only I follows
b) Only II follows
c) Only III follows
d) None follows
e) None of these

## 28).Statements:

Some additions are subtractions No subtraction is multiplication All multiplications are divisions Conclusions:
I. Some divisions are additions
II. Some multiplications are additions
III. No division is addition
a) None follows
b) Only I follows
c) Only II follows
d) Only either I or III follows
e) Only III follows

## 29).Statements:

All flowers are leaves All leaves are trees Some trees are fruits Conclusions:
I. Some fruits are leaves
II. Some fruits are flowers

III. Some trees are flowers
a) Only I follows
b) Only I and II follows
c) Only II and III follows
d) Only III follows
e) None of these
30).Statements:

All villages are towns No town is city

All cities are states Conclusions:
I. All villages being state is a possibility
II. All states being town is a possibility
III. Some towns are villages
a) Only I follows
b) Only II follows
c) Only II and III follows
d) Only I and III follows
e) None of these

Direction (Q. 31-38): In each question below are given three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions logically follows from the given statements, disregarding commonly known facts. Given answer,
a) If only conclusion I follows
b) If only conclusion II follows
C) If either conclusion I or II follows
d) If neither conclusions I nor II follows
e) If both conclusions I and II follows

## 31).Statements:

Some trees are mangoes No mango is a banana All bananas are fruits Conclusions:
I. At least some fruits are trees II.All trees can be bananas
a) $a$
b) $b$
c) $c$
d) $d$
e) $e$
32). Statements:

All districts are states Some states are towns No town is a village Conclusions:
I. All villages can be districts II.Some states are not districts
a) $a$
b) $b$
c) $c$
d) $d$
e) $e$

## 33. Statements:

All animals are lions Some lions are tigers All lions are fox Conclusions:
I.All tigers are fox
II.II.Some tigers are not fox
a)
$a$
b) $b$

d) $d$
e) $e$

## 34. Statements:

All mobiles are boxes Some boxes are bulbs No bulb is a switch Conclusions:
I. Some bulbs are boxes
II.Some boxes are not switches
a) $a$
b) $b$
c) $c$
d) $d$
e) $e$
35. Statements: No car is a bike

All bikes are cycles No bus is a car Conclusions:
I. Some cycles can never be cars
II.Some buses can be cycles
a) $a$
b) $b$
c) $\quad c$
d) $d$
e) $e$

36. Statements: All teas are coffee No coffee is milk No milk is water Conclusions:
I. Some water can be tea
II. At least some milk are not coffee
 ? Crack
a) $a$
b) $b$
c) $c$
d) $d$
e) $e$
37. Statements: All cups are caps All caps are shirts No cap is cloth Conclusions:
I. All cloths are shirts
II.Some cloth is not shirt
a) $a$
b) $b$
c) $c$
d) $d$
e) $e$
38. Statements:

Some books are notes
All books and notes are materials No book is a test

## Conclusions:

I. Some materials are not books

## II.No note is a test

a)
b) $b$
c) $c$
d) $d$
e) $e$


Direction (Q. 39-40): In each question below are given four statements followed by four conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions logically follows from the given statements, disregarding commonly known facts.
39. Statements:

Some pens are papers No paper is a pencil All copies are pencils All pencils are inks Conclusions:
I. Some pens are not copies
II. All pencils being ink is a possibility
III. All pens are pencils IV.Some copies are not papers.
a) Only I and II follows
b) Only I and IV follows
c) Only II, III and IV follows
d) Only I, II and IV follows
e) All follows

## 40. Statements:

All desks are tables No desk is a chair All notes are chairs
Some chairs are benches Conclusions:
I. Some notes are benches
II. Some tables are not chairs
III. Some notes are not desks
IV. Some tables being bench is a possibility
a) Only I, II and III follows
b) Only II, III and IV follows
c) Only I, II and III follows
d) None follows
e) All follows

Directions (Q. 41-45):In each of the given questions, some statements are followed by two conclusions I and II. You have to assume everything in the statement to be true even if they seem to be at variance with commonly known facts, and then decide which of the given conclusions logically follows from the statements, disregarding commonly known facts.

Give answer:
a) if only conclusion I follows.
b) if only conclusion II follows.
c) if either I or II follows.
d) if neither I nor II follows.
e) if both conclusions I and II follow.

## 41). Statements :

Some resources are powerful. All resources are significant. All significant are organised. Conclusions:
I. Some organised are not significant.
II. All organised being powerful is a possibility.
42). Statements:

All regular are successful. Some funds are regular. All exercises are funds.
Conclusions:
I. All exercises being successful is a possibility.
II. At least some regular are funds.
43). Statements:

All regular are successful. Some funds are regular.
All exercises are funds. Conclusions:
I. Some successful being exercises is a possibility.
II. Some funds can never be exercises.
44). Statements:

No society is standard. No standard is modern. No modern is official.
Conclusions:
I. Some societies being modern is a possibility.
II. Some societies can never be official.
45). Statements:

All attire are balanced. All balanced are critical.

Some critical are delightful. All delightful are effective. Conclusions:
I. All critical being attire is a possibility.
II. Some balanced are delightful.

Directions (Q.46-50): In each of the given questions, some statements are followed by two conclusions I and II. You have to assume everything in the statement to be true even if they seem to be at variance with commonly known facts, and then decide which of the given conclusions logically follows from the statements disregarding commonly known facts.

Give answer
a) if only conclusion I follows.
b) if only conclusion II follows.
c) if either I or II follows.
d) if neither Inor II follows.
e) if both conclusions I and II follow.
46). Statements:

Some married are educated. Some educated are men.
All men are qualified.
Conclusions:

I.Some educated if they are men are qualified.
II.Some educated if they are qualified are men.

## 47). Statements:

All shares are debentures. No debenture is an equity. Many equities are maturities. Conclusions:
I. No debenture can be a maturity.
II. All debentures that are shares may be equities.
48). Statements: Some doctors are rich.

All rich who are doctors are honest. Conclusions:
I. Many doctors are honest.
II. Some honest are possibly rich.
49). Statements: No ring is a wing.

Some wings are kings. All kings are brave.
Conclusions:
I. Some brave may be ring.
II. Kings which are not wings are rings.
50).

## Statements:

All queens are beautiful. Some princesses are queens. No beautiful is royal.
Conclusions:
I.All beautiful which are princesses will necessarily be queens.
II.All queens are royal.

## Solutions

Q1. OptionA OVE EKaIn S ? CraCR MNith USo.


Q2. Option B


Q3.Option E


## Q4. Option C



Q6. Option A


Q7. Option C


Q9. Option E


Q10. Option B


## Q11.Option B



## Q12 Option A



## Q13.Option E



Q14. Option B


Q15.Option C


Q16. Option B


Q17.Option A


Q18. Option E


Q19. Option D


Q20. Option C


Q21 Option E


Hence, both conclusions I and II follow.
Q22 Option E


Hence, both conclusions I and II follow.
Q23 Option A


Hence only conclusion I follows
Q24 Option D



Hence, neither conclusion I nor II follows. Q25 Option B WH LKGMNS CVGCRMMTRHMS


Q26 Option E


Hence, all the three conclusions are follows. Hence, 'option e) none of these' is the answer. Q27 Option B


Hence, only conclusion II follows
Q28 Option D


Hence, only conclusion III follows.
Q30 Option D


Hence, only conclusion I and III follow

## Q31 Option D



Neither Conclusion I nor II follows
Q32 Option A


Only conclusion I follow
Q33. Option C


Q34. Option $E$


Both Conclusion I and II follow
Q35. Option E


Both conclusion I and II follow
Q36. Option E


## Both conclusion I and II follow

Q37 Option C


Either conclusion I or II follow
Q38 Option D


Neither conclusion I nor II follow
Q39 Option D


## Conclusion I,II and IV follows

Q40 Option B


## Conclusion II,III and IV follows

Q41 Option B
All significant are organized (conversion) Some organized are significant. Hence conclusion I doesn't follow. Again, All resources are significant (A) + Some resources are powerful (conversion) Some powerful are resources (I) + All resources are significant $(I+A) I$ Some powerful are significant $(I)+$ All significant are organized $I+A$
$I=$ Some powerful are organized.
Hence we can conclude that All organized being powerful is a possibility.
Q42 Option $E$ $\qquad$


Some funds are regular $(I)+$ All regular are successful $(A)=I+A=$ Some funds are successful (I). Again, All exercises are funds + Some funds are successful $(I)=A$
$I+A=$ No conclusion. But All exercises being successful is a possibility. From statement II:Some funds are regular.

At least some regular are funds. Conclusion I\& II follow.

## Q43 Option A

From statement I, II\& III. Some successful are exercises. Hence some successful being exercises is a possibility. From statement III: All exercises are funds.

Some funds can never be exercises is a possibility. II follows.
Q44 Option D
Q45 Option D

## Q46 Option E

Q47 Option D


Q48 Option E


Q49 Option E


Q50 Option D


- Statements:

All donkeys are cows.
No cow is Pearl.
All Pearls are Monkeys.
Conclusions:
I. All donkeys being monkeys is a possibility.
II. All monkeys being cows is a possibility.
A. Only conclusion I follows
B. Only conclusion II follows
C. Either conclusion I or II follows
D. Neither conclusion I nor II follows
E. Both conclusion I and II follow

Answer - A. Only conclusion I follows


Explanation :

- Statements:

All bags are tools.
Some tools are coins.
Some coins are dolls.
Conclusions:
I. All bags being coins is a possibility.
II. At least some dolls are tables.
A. Only conclusion I follows
B. Only conclusion II follows
C. Either conclusion I or II follows
D. Neither conclusion I nor II follows
E. Both conclusion I and II follow

Answer - A. Only I follows


Explanation :

- Statements:

All lamps are pots.
All pots are roses.
No rose is a flower
Conclusions:
I. All roses are pots
II. All lamps are roses
A. If only conclusion I follows.
B. If only conclusion II follows.
C. If either conclusion I or II follows.
D. If neither conclusion I nor II follows.
E. If both conclusions I and II follow

Answer - B. If only conclusion II follows.


## Explanation :

- Statements:

All flowers are nuts.
Some nuts are walls.
All chairs are walls
Conclusions:
I. Some nuts are chairs
II. At least some walls are flowers
A. If only conclusion I follows.
B. If only conclusion II follows.
C. If either conclusion I or II follows.
D. If neither conclusion I nor II follows.
E. If both conclusions I and II follow

Answer - D. If neither conclusion I nor II follows


## Explanation :

- Statements:

Some marbles are cats.
All cats are pillows.
No pillow is a dog
Conclusions:
I. Some marbles are definitely not dogs
II. No marble is a dog
A. If only conclusion I follows.
B. If only conclusion II follows.
C. If either conclusion I or II follows.
D. If neither conclusion I nor II follows.
E. If both conclusions I and II follow

Answer - A. If only conclusion I follows.


Explanation :

- Statements:

Some bats are owls.
All owls are walls.
No wall is a rose.
Conclusions:
I. All bats being walls is a possibility
II. All roses being bats is a possibility
A. If only conclusion I follows.
B. If only conclusion II follows.
C. If either conclusion I or II follows.
D. If neither conclusion I nor II follows.
E. If both conclusions I and II follow.

Answer - E. If both conclusions I and II follow.


## Explanation :

- Statements:

All bulls are nets.
No net is a pipe.
All pipes are monkeys.
Conclusions:
I. No monkey is a bull
II. All nets being monkeys is a possibility.
A. if only conclusion I follows.
B. if only conclusion II follows.
C. if either conclusion I or II follows.
D. if neither conclusion I nor II follows.
E. if both conclusions I and II follow

Answer - B. if only conclusion II follows.

Explanation :


- Statements:

All cats are bulls.
Some bulls are cyclones.
No cyclone is a table.
Conclusions:
I. All cats being cyclone is a possibility
II. No table is a bull
A. If only conclusion I follows.
B. If only conclusion II follows.
C. If either conclusion I or II follows.
D. If neither conclusion I nor II follows.
E. If both conclusions I and II follow


Answer - A. If only conclusion I follows.

- Statements:

Some pillows are dolls.
All dolls are ices.
All ices are seats.
No lamp is ice.
Conclusions:
I. Some lamps are dolls is a possibility.
II. All lamps being seats is a possibility
A. If only conclusion I follows.
B. If only conclusion II follows.
C. If either conclusion I or II follows.
D. If neither conclusion I nor II follows.
E. If both conclusions I and II follow

Answer - B. If only conclusion II follows


- Statements:

No seat is a tube.
No tube is horse.
No horse is Pen
Conclusions:
I. Some seats are pens.
II. Some tubes being pens is a possibility.
A. Only conclusion I follows
B. Only conclusion II follows
C. Either conclusion I or II follows
D. Neither conclusion I nor II follows
E. Both conclusion I and II follow


Answer - B. Only conclusion II follows

- Statements:

Some lemons are oranges.
All oranges are apples.
No apple is grapes.
Conclusions:
I. All grapes being lemons is a possibility.
II. All lemons being apples is a possibility.
III. All oranges being lemons is a possibility.
A. Only I follows
B. Only II follows
C. Only II and III follow
D. None follows
E. None of these

Answer - E. None of these


Explanation :

- Statements:

Some Owls are Ants
All Ants are Guns
No Gun is a Ball
Conclusions:
I. Some Owls being Balls is a possibility
II. All Guns are Ants
III. Some Guns are definitely Balls
A. Only I follows
B. Only II follows
C. Both (A) and (B) follow
D. Only III follow
E. None Follows

B. Only II follows
C. Only I, II and III follow
D. All follow
E. None follows

Answer-A. Only I follows


## Explanation :



- Statements:

Some A are C.
Some Care E.
All $E$ are $F$.
Some F are $\mathbf{G}$.
Conclusions:
I. Some A are F.
II. Some F are E.
III. At least some E are G.
A. Only I follows
B. Only II follows
C. Only I, II and III follow
D. All follow
E. None follows

Answer - B. Only II follows

Explanation :


- Statements:

All Banks are Parks
Some Parks are Pencils

No pencil is Monkey
All Monkeys are Brinjals
Conclusions:
I. No Bank is Brinjal
II. No Monkey is Park
III. Some Banks are Brinjals
A. Only I follows
B. Either III or I follows
C. Only I and II follow
D. All follow
E. None follows

Answer-B. Either III or I follows


- Statements:

Some banks are bags.
All banks are noses.
No nose is a pillow.
Conclusions:
I. All noses are banks.
II. All pillows being banks is a possibility.
A. Only I follows
B. Either I or III follows


- Statements:

Some guns are fruits.
No fruit is an ant.
All ants are monkeys.
Conclusions:
I. Some fruits are definitely not monkeys.
II. Some ants are not guns.
III. Some guns being not monkey is a possibility.
A. Only III follows
B. Only III and II follow
C. Only I, II and III follow
D. All follow
E. None follows

Answer - A. Only III follows


All marbles are Dolls
No Doll is an eagle
All eagles are Tigers
Conclusions:
I. No eagle is a marble
II. All Dolls being Tigers is a possibility
III. All Marbles being Tigers is a possibility
A. Only conclusion I follows
B. Only conclusions I, II and III follow
C. Either conclusion I or II follows
D. Neither conclusion I nor II follows
E. None of these

Answer - B. Only conclusions I, II and III follow

- Statements:

All desks are tables.
All tables are schools.
No School is a land.
Conclusions:

## I. No table is a land.

II. Some desks being land is a possibility.
A. Only conclusion I follows
B. Only conclusion II follows
C. Either conclusion I or II follows
D. Neither conclusion I nor II follows
E. Both conclusion I and II follow

Answer - A. Only conclusion I follows

- Statements:

No stone is a table.
No table is horn.
No horn is Pillow
Conclusions:
I. Some stones are pillows.
II. Some tables being pillows is a possibility.
A. Only conclusion I follows
B. Only conclusion II follows
C. Either conclusion I or II follows
D. Neither conclusion I nor II follows
E. Both conclusion I and II follow

Answer - B. Only conclusion II follow
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## Syllogism

Directions: In the following questions, only one Conclusion is given and five statements are given as a), b), c), d) and e. From this you have to take the statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given statement logically follows.

## 1. Conclusions

## Some mouse is not monitor.

## Some keyboards are monitor.

a. Statements I: Some screen is monitor. No monitor is keyboard. All keyboards are mouse.
b. Statements II: All screens are monitor. No monitor is keyboard. Some keyboard is mouse
c. Statements III: No screen is monitor. No monitor is keyboard. All keyboards are mouse
d. Statements IV: All screens are monitor. All monitors are keyboard. No keyboard is mouse
e. $\quad$ Statements V: Some keyboards are mouse. All monitor is screen. No keyboard is a screen.

## 3. Conclusions:

## Some walls are not brick.

Some cement is not water.
(3) Statements I: Some brick are cement. No cement is wall. All walls are water.
b. $\quad$ Statements II: All bricks are cement. Some Cement is wall. All walls are water.
c. $\quad$ Statements III: No brick is cement. All cement is wall. No wall is water.
d. $\quad$ Statements IV: No brick is cement. No cement is wall. All walls are water.
e. Statements V: All walls are bricks. Some wall is cement. All waters are bricks.

## 4. Conclusions:

## Some silver are platinum. Some diamonds are silver.

a. $\quad$ Statements I: All silver are gold. Some gold are diamond. No diamond is platinum.
b. Statements II: Some silvers are gold. All gold are diamond. All diamond is platinum.
c. $\quad$ Statements III: All silvers are diamond. No gold is silver. Some diamond is platinum.
d. $\quad$ Statements IV: All silvers are gold. No gold is diamond. All diamond is platinum
e. $\quad$ Statements V: All platinum are silver. Some gold is silver. No gold is diamond.

## 5. Conclusions:

## Some crows are not parrot. Some crows are owl.

a. Statements I: All parrot are owl. No owl is crow. Some crows are Dove.
b. $\quad$ Statements II: Some parrots are owl. Some owls are crow. All crows are dove.
c. Statements III: No parrot is owl. All owls are crow. Some crows are dove.
d. Statements IV: All parrots are owl. Some owl is Dove. Some crows are dove.
e. Statements V: All owls are Parrot. All Parrots are crow. All crows are dove.
6. Conclusions:

Some white are not brown. Some maroon is brown.
a. Statements I: All white are black. All black is brown. No brown is maroon.
b. Statements II: Some white are black. All black is brown. All brown is maroon.
c. Statements III: Some black are white. No black is brown. No brown is maroon.
d. Statements IV: All white is black. No black is brown. All brown is maroon
e. Statements V: No white is black. No black is brown. No brown is maroon

## 7. Conclusions:

All Donald being Micky is a possibility. All Tom being Jerry is a possibility.
a. Statements I: All Donald is Jerry. All Jerry is Micky. No Micky is Tom.
b. Statements II: Some Donald is Jerry. No Jerry is Micky. Some Micky is Tom.
c. $\quad$ Statements III: Some Donald is Jerry. Some Jerry is Micky. No Micky is Tom.
d. $\quad$ Statements IV: All Donald is Jerry. No Jerry is Micky. All Micky is Tom.
e. Statements V: No Jerry is Tom. Some Donald is Tom. No Micky is Donald.

## 8. Conclusions:

Some Table is plastic. Some plastic are bench
a. $\quad$ Statements I: All Table are Chair. All Chairs is bench. Some benches are plastic.
b. $\quad$ Statements II: All Table is Chair. Some Chair is bench. All benches are plastic.
c. Statements III: No Table is Chair. All Chairs are bench. Some benches are plastic.
d. Statements IV: Some Table is Chair. All Chairs are bench. No bench is plastic
e. Statements V: All Table is Chair. All Chairs are bench. All benches are plastic.

## 9. Conclusions:

## Some dates are day. Some years are day.

a. $\quad$ Statements I: All day are month. All month are year. Some years are date.
b. $\quad$ Statements II: Some days are month. All month are year. Some days are date.
c. $\quad$ Statements III: All day are month. Some month is year. All year are date.
d. $\quad$ Statements IV: All day are month. All month are date. Some years are date.
e. Statements $\boldsymbol{V}$ : No year is day. Some day is date. Some date is month.

## 9. Conclusions:

## Some teachers are not student. Some lessons are classroom.

a. Statements I: Some classroom is not student. All classrooms are teacher. All teachers are lesson.
b. Statements II: All classrooms are teachers. Some student is not classroom. Some teacher is lesson.
c. $\quad$ Statements III: All classrooms are student. No student is teacher. No teachers are lesson.
d. Statements IV: some classrooms are student. No student is teacher. Some teachers are lesson
e. $\quad$ Statements V: All students are classroom. All classrooms are lessons. All lessons are teachers.

## 11. Conclusions:

All windows being cot is a possibility. Some doors are not pillow.
a. $\quad$ Statements I: Some pillows are window. All windows are door. No door is cot.
b. $\quad$ Statements II: All pillows are window. All windows are door. Some door is cot.
c. $\quad$ Statements III: All pillows are window. No window is door. Some door is cot.
d. Statements IV: Some pillows are window. Some window is door. All doors are cot.
e. $\quad$ Statements V: No window is door. Some door is pillow. Some pillow is cot.

## 12. Conclusions :

There is a possibility that some doctors are engineers Some perfects are doctors. There is a possibility that some engineers are good Some perfect are engineers.
a. Statements: No doctors are perfect. All engineers are perfect. Some perfect are good
b. Statements: All doctors are perfect. All engineers are perfect. Some perfect are good
c. Statements: Some doctors are perfect. No engineers are perfect. Some perfect are good
d. Statements: All doctors are perfect. All engineers are perfect. No perfect are good
e. Statements: No doctors are perfect. No engineers are perfect. Some perfect are good

## 13. Conclusions:

Some tomatoes may be goods No egg is potato
Some tomatoes may be eggs Some goods are potatoes
a. Statements: No eggs are tomatoes. No tomato is a potato. All potatoes are goods
b. Statements: Some eggs are tomatoes. No tomato is a potato. No potatoes are goods
c. Statements: No eggs are tomatoes. No tomato is a potato. No potatoes are goods
d. $\quad$ Statements: All eggs are tomatoes. All tomato is a potato. All potatoes are goods
e. Statements: All eggs are tomatoes. No tomato is a potato. All potatoes are goods

## 14. Conclusions:

## All those dogs that are cats are also whites

All the animals may be dog.
Some whites are animal Some cats are animals
a. Statements : No dogs are cats. All animals are cats. No cats are whites
b. Statements : All dogs are cats. No animals are cats. All cats are whites
c. Statements : All dogs are cats. All animals are cats. All cats are whites
d. $\quad$ Statements : Some dogs are cats. Some animals are cats. All cats are whites
e. Statements : All dogs are cats. Some animals are cats. Some cats are whites

## 15. Conclusions :

Some gold which are white are not yellow Some gold being yellow is a possibility.

## Some white are gold No silver is a yellow

a. Statements : No gold are silvers. All silvers are white. No white is a yellow.
b. Statements : Some gold are silvers. Some silvers are white. No white is a yellow
c. Statements : Some gold are not white. Some yellow are not white. No silver is a yellow
d. Statements : Some gold are silvers. All silvers are white. No white is a yellow
e. Statements : No gold are silvers. No silvers are white. No white is a yellow

## 15. Conclusions:

All moons being stars is a possibility Some planets are stars No moon is a universe Some planets are moons
a. $\quad$ Statements : Some stars are moons. All moons are planets. No planet is a universe
b. Statements : No stars are moons. All moons are planets. No planet is a universe
c. Statements : Some stars are moons. Some moons are planets. Some planet is a universe
d. Statements : Some stars are not moons. No moons are planets. No planet is a universe
$e . \quad$ Statements : No stars are moons. No moons are planets. some planet is a universe

## 17. Conclusions:

Some wheels are bangles All rings are wheels Some tyres are bangles.
a. Statements: Some chains are bangles. All bangles are rings. All rings are tyres. No tyres are wheels
b. $\quad$ Statements: All chains are bangles. No bangles are rings. All rings are tyres. All tyres are wheels
c. $\quad$ Statements: Some chains are bangles. Some bangles are rings. All rings are tyres. All tyres are wheels
d. Statements: Some chains are bangles. Some bangles are not rings. No rings are tyres. All tyres are wheels
e. Statements: Some chains are bangles. No bangles are rings. All rings are not tyres. All tyres are wheels

## 18. Conclusions:

Some seas are stones Some jungles are hills Some stones are hills
a. Statements: All hills are roads. All roads are stones. All stones are jungles. All jungles are sea
b. $\quad$ Statements: Some hills are roads. All roads are stones. No stones are jungles. All jungles are sea
c. $\quad$ Statements: No hills are roads. All roads are stones. All stones are jungles. Some jungles are sea
d. Statements: Some hills are roads. Some roads are stones. All stones are jungles. All
jungles are sea
e. Statements: All hills are roads. All roads are stones. No stones are jungles. No jungles are sea

## 19. Conclusions:

some threads are not room anns Crack MNithus.

## Some needles are clothes is a possibility Some threads are house is a possibility

a. Statements: No needles are threads. Some threads are clothes. No cloth is room. All rooms are houses
b. $\quad$ Statements: All needles are threads. Some threads are clothes. No cloth is room. All rooms are houses
c. Statements: Some needles are threads. Some threads are clothes. No cloth is room. All rooms are houses
d. Statements: All needles are threads. Some threads are clothes. Some cloth is room. Some rooms are houses
e. $\quad$ Statements: All needles are threads. No threads are clothes. No cloth is room. No rooms are houses

## 19. Conclusions:

Some roofs are curtains. Some bags are walls is a possibility Some curtains are bags
a. Statements: All bags are toys. No bags are curtains. Some toys are not walls. All walls are roofs
b. Statements: No bags are toys. All toys are curtains. Some curtains are not walls. All walls are roofs
c. Statements: All bags are toys. All toys are curtains. Some curtains are not walls. All walls are roofs
d. Statements: Some bags are toys. All toys are curtains. Some curtains are walls. All walls are roofs
e. Statements: Some bags are toys. All toys are curtains. No curtains are walls. No walls are roofs
20.

Conclusions:
Some plants are flowers. All roses are buds is a possibility Some plants are buds
a. Statements: Some roses are flowers. Some flowers are buds. All buds are leaves. All leaves are plants
b. Statements: Some roses are flowers. Some flowers are not buds. No buds are leaves. All leaves are plants
c. $\quad$ Statements: All roses are flowers. No flowers are buds. All buds are leaves. All leaves are plants
d. $\quad$ Statements: No roses are flowers. No flowers are buds. All buds are leaves. All leaves are plants
e. Statements: Some roses are flowers. Some flowers are buds. No buds are leaves. No leaves are plants

## 21. Conclusions:

Some desks are pencils is a possibility
Some mountains are jungles
Some mountains are desks Some jungles are kites.
a. Statements: All pencils are kites. No kites are desks. All desks are jungles. All jungles are mountains
b. Statements: No pencils are kites. No kites are desks. All desks are jungles. All jungles are mountains
c. Statements: Some pencils are kites. Some kites are desks. All desks are jungles. All jungles are mountains
d. Statements: Some pencils are kites. Some kites are desks. No desks are jungles. No jungles are mountains
e. Statements: Some pencils are kites. Some kites are desks. Some desks are jungles. Some jungles are mountains

## 23. Conclusions:

## Some roads are boards Some boards are papers is a possibility Some roads are clips is a possibility Some roads are lanes

a. Statements: No papers are clips. Some clips are bonds. Some boards are lanes. No lanes are roads
b. Statements: All papers are clips. All clips are bonds. No boards are lanes. All lanes are roads
c. Statements: Some papers are clips. No clips are bonds. No boards are lanes. Some lanes are roads
d. Statements: No papers are clips. Some clips are not bonds. Some boards are not lanes. All lanes are roads $\qquad$
$\square$
e. Statements: All papers are clips. Some clips are bonds. Some boards are lanes. All lanes are roads

## 24. Conclusions:

## Some buses are tyres Some tyres are pens is a possibility Some buses are wheels Some clocks are wheels

a. Statements: All pens are clocks. Some clocks are tyres. All tyres are wheels. All wheels are buses
b. Statements: Some pens are clocks. Some clocks are tyres. All tyres are wheels. No wheels are buses
c. $\quad$ Statements: All pens are clocks. Some clocks are tyres. All tyres are not wheels. No wheels are buses
d. Statements: No pens are clocks. Some clocks are tyres. No tyres are wheels. All wheels are buses
e. Statements: All pens are clocks. All clocks are tyres. No tyres are wheels. No wheels are buses

## 25. Conclusions:

## Some windows are rings

No stone is a ring

## Some windows are doors

## Some doors are rings

a. Statements: Some stones are hammers. Some hammer is a ring. Some rings are doors. All doors are windows
b. Statements: All stones are hammers. No hammer is a ring. Some rings are doors. All doors are windows
c. Statements: All stones are hammers. No hammer is a ring. No rings are doors. No doors are windows
d. Statements: All stones are hammers. All hammer is a ring. Some rings are doors. All doors are windows
e. Statements: Some stones are hammers. No hammer is a ring. Some rings are doors. All doors are windows
25. Conclusions: Some sticks are store is a possibility, some chains are baskets Some chains are sticks. All stores are sticks is a possibility
a. Statements: Some stores are baskets. Some baskets are sticks. Some sticks are chains.
b. Statements: All stores are baskets. Some baskets are not sticks. Some sticks are chains
c. Statements: No stores are baskets. All baskets are sticks. All sticks are chains
d. $\quad$ Statements: All stores are baskets. Some baskets are sticks. All sticks are chains
e. $\quad$ Statements: All stores are baskets. No baskets are sticks. All sticks are chains

## 26. Conclusions:

Some ropes are desks, Some ropes are chairs, Some walls are ropes, Some desks are walls is a possibility
a. Statements: No desks are chairs. All chairs are ropes. Some ropes are walls
b. Statements: Some desks are chairs. All chairs are ropes. Some ropes are walls
c. Statements: All desks are chairs. All chairs are ropes. No ropes are walls
d. Statements: Some desks are not chairs. All chairs are ropes. Some ropes are not walls
e. Statements: No desks are chairs. Some chairs are ropes. All ropes are walls

## 27. Conclusions:

## Some cars are rooms, Some roads are rooms Some cars are wires Some cars are roads

a. $\quad$ Statements: Some rooms are wires. No wires are roads. Some roads are cars
b. $\quad$ Statements: All rooms are wires. Some wires are roads. Some roads are cars
c. Statements: All rooms are wires. No wires are roads. All roads are cars
d. Statements: All rooms are wires. All wires are roads. All roads are cars
e. Statements: Some rooms are wires. Some wires are roads. Some roads are cars

## 28. Conclusions:

No table is a box. Some mats are not pencils. Some mats are not tables, Some pencils are tables
a. Statements: All tables are pencils. No pencil is box. Some boxes are mats
b. $\quad$ Statements: All tables are pencils. All pencil is box. All boxes are mats
c. $\quad$ Statements: Some tables are pencils. All pencils are boxes. Some boxes are mats
d. Statements: Some tables are pencils. No table is box. All boxes are mats
e. Statements: No table is pencils. All Boxes are Pencils. Some boxes are not mats

## 29. Conclusions: Some books are chairs Some chairs are books Some pens are books Some tables are chairs

a. Statements: Some books are not pens. All pens are chairs. Some chairs are tables
b. Statements: All books are pens. All pens are chairs. Some chairs are tables
c. Statements: Some books are pens. All pens are chairs. Some chairs are tables
d. Statements: No books are pens. All pens are chairs. Some chairs are tables
e. Statements: Some books are pens. No pens are chairs. No chairs are tables
30. Conclusions:

## Some cars are buses. Some buses are cars. some jeeps are trucks All jeeps are trucks

a. Statements: No cars are jeeps. Some jeeps are buses. No buses are trucks
b. Statements: All cars are jeeps. Some jeeps are buses. Some buses are not trucks
c. Statements: All cars are jeeps. No jeeps are buses. Some buses are trucks
d. Statements: All cars are jeeps. All jeeps are buses. All buses are trucks
e. Statements: No cars are jeeps. All jeeps are buses. All buses are trucks
31. Conclusions: All dogs being monkeys is a possibility. Some Monkeys are Cats is a possibility Statements:
A. $\quad$ Statements: All dogs are cats. No cat is Pig. All Pigs are Monkeys.
B. Statements: No Cat is dog. No dog is Monkey. No Monkey is pig.
C. $\quad$ Statements: All dogs are cats. No dog is Pig. No cat is monkey.
D. Statements: All Cats are dogs. No cat is Pig. No dog is Monkey.
E. Statements: All dogs are cats. No cat is Monkey. All Pigs are Monkeys.
32. Conclusions: No teacher is a lawyer. All doctors are students. Statements:
A. Statements: All Students are teachers. All teachers are doctors. No doctor is a lawyer.
B. Statements: All doctors are teachers. All teachers are students. Some Students are lawyers.
C. Statements: All doctors are teachers. No teachers is student. Some Students are lawyers.
D. Statements: All doctors are teachers. All teachers are students. No Student is a lawyer
E. Statements: All doctors are teachers. No teachers is student. No Student is a lawyer.

## 33. Conclusions:

At least some hills being lake is a possibility. Some mountains are hills.

## Statements:

A. Statements: All Hills are Mountains. All hills are rivers. No hill is a lake.
B. Statements: All Hills are Mountains. All Mountains are rivers. No river is a lake.
C. Statements: Some Hills are Mountains. Some hills are rivers. No hill is a lake.
D. Statements: Some Hills are Mountains. All Mountains are rivers. No hill is a lake.
E. Statements: All Hills are Mountains. Some hills are rivers. No river is a lake.

## 34. Conclusions:

Atleast some beans are carrot. Some brinjals being carrot is a possibility Statements:
A. Statements: All carrots are beans. Some beans are apples. No brinjal is Carrot.
B. Statements: No carrots is beans. Some beans are brinjals. No brinjal is apple.
C. Statements: All carrots are beans. Some beans are brinjals. No brinjal is apple.
D. Statements: No carrots is beans. Some beans are brinjals. No brinjal is apple.
E. Statements: All carrots are beans. Some beans are apples. No brinjal is carrot.
35. Conclusions:

All months being year is a possibility. No month is a day.

Statements:
A. Statements: Some months are weeks. No week is a day. No month is a year.
B. Statements: All months are weeks. No week is a day. All days are years.
C. $\quad$ Statements: Some months are weeks. All months are days. No month is a year.
D. Statements: All months are weeks. No week is a day. No month is a year.
E. Statements: Some months are weeks. All months are days. All days are years.
36. Conclusions:

## All Donkeys being Tigers is a possibility All Monkeys being Tigers is a possibility Statements:

A. Statements: All monkeys are Donkeys. No Donkey is Tiger. All elephants are Tigers
B. Statements: All monkeys are Donkeys. No Donkey is elephant. All elephants are Tigers
C. Statements: Some monkeys are Donkeys. No Donkey is Tiger. All elephants are Tigers
D. Statements: No monkey is Tiger. No Donkey is elephant. All elephants are Tigers
E. Statements: Some monkeys are Donkeys. No Donkey is elephant. No monkey is Tiger
37. Conclusions: Some covers are pillows. All sheet being cover is a possibility. Statements:
A. Statements: No pillows is cover. Some covers are bed. No pillow is sheet.
B. Statements: Some pillows are covers. Some covers are bed. No Sheet is cover.
C. Statements: All pillows are covers. Some covers are bed. No pillow is sheet.
D. Statements: Some pillows are covers. All covers are bed. No Sheet is cover.
E. Statements: No pillows is cover. All covers are bed. No pillow is sheet.

## 38. Conclusions: All tanks are gingers. Some gingers are not fishes

## Statements:

A. Statements: Some tanks are jars. Some jars are ginger. No fish is jar
B. Statements: All gingers are jars. Some jars are tanks. No fish is jar
C. Statements: All tanks are jars. Some jars are ginger. Some fishes are ginger
D. Statements: All tanks are jars. All jars are ginger. No fish is jar
E. Statements: All tanks are jars. All jars are ginger. Some fishes are ginger
39. Conclusions: Some elephants are being cats is a possibility Some tigers are being elephants is a possibility Statements:
A. Statements: All cats are dogs; Some elephants are dogs. No tiger is elephant
B. $\quad$ Statements: All cats are dogs; No elephant is dog. All tigers are cats
C. Statements: Some cats are dogs; Some elephants are dogs. No tiger is elephant
D. Statements: Some cats are dogs; Some elephants are dogs. No tiger is elephant
E. Statements: Some cats are dogs; Some elephants are dogs. All tigers are cats
40. Conclusions: Some mugs are plates At least some trays are cups Statements.
A. Statements: Some cups are trays. Some trays are plates. Some plates are mugs
B. Statements: Some cups are plates. Some plates are trays. Some trays are mugs
C. $\quad$ Statements: All cups are trays. Some trays are plates. No plate is mug
D. Statements: All cups are trays. All trays are plates. No plates is mug
E. $\quad$ Statements: Some cups are trays. Some trays are plates. No plate is mug

## 41. Conclusions:

Some grapes can be lemon Some Oranges can be banana Statements:
A. Statements: Some Apples are Oranges. Some Oranges are grapes. No grapes is banana. All bananas are lemons
B. $\quad$ Statements: Some Apples are Oranges. Some Oranges are grapes. No grapes is lemon. No orange is banana.
C. Statements: Some Apples are Oranges. Some Oranges are grapes. No grapes is lemon. All bananas are lemons.
D. Statements: Some Apples are Oranges. Some Oranges are grapes. No Orange is banana. All bananas are lemons
E. Statements: Some Apples are Oranges. Some Oranges are grapes. No Orange is banana. No banana is lemon

## 42. Conclusions: Some hills are rivers. Some mountains can be hills Statements:

A. Statements: All Mountains are rivers. No river is hill. Some hills are roads. No road is a way
B. Statements: All Mountains are rivers. No mountain is hill. Some hills are roads. No road is a way
C. Statements: All Mountains are rivers. No river is hill. No mountain is hill. No road is a way
D. Statements: All Mountains are rivers. No river is hill. Some hills are roads. All roads are way
E. Statements: All Mountains are rivers. Some rivers are hills. Some hills are roads. No road is a way
43. Conclusions: No note is a bag. Some pencils are bags.

## Statements:

A. Statements: No note is book. No book is a bag. Some bags are pencils.
B. Statements: All notes are books. All books are bag. No bag is pencil.

C. Statements: All notes are books. No book is a bag. Some bags are pencils.
D. Statements: All notes are books. No book is a bag. No bag is pencil.
E. Statements: All notes are books. All books are bag. Some bags are pencils.

## 44. Conclusions: All leaves are flowers is a possibility. No leaf is root

 Statements:A. Statements: No tree is flower. Some plants are flowers. All roots are leaves. No leaf is flower
B. Statements: All trees are flowers. Some plants are flowers. All roots are plants. No leaf is plant
C. $\quad$ Statements: Some trees are flowers. Some plants are flowers. All roots are leaves. No leaf is plant
D. Statements: All trees are flowers. Some plants are flowers. All roots are plants. No leaf is flower
E. Statements: All trees are flowers. Some plants are flowers. All roots are leaves. No leaf is plant
45. Conclusions: All rooms being table is a possibility. No room is a chair

## Statements:

A. Statements: All rooms are fans. No fan is table. Some chairs are tables. Some tables are vans
B. Statements: No rooms is table. No fan is a chair. Some chairs are fans. Some tables are vans
C. $\quad$ Statements: All rooms are fans. All fans are chairs. Some chairs are tables. Some tables are vans
D. Statements: All rooms are fans. No fan is a chair. All chairs are tables. Some tables are vans
E. Statements: All rooms are fans. All fans are chairs. All chairs are tables. Some tables are vans
46. Conclusions: No car is a note. All notes being animals is a possibility

## Statements:

1. Statements: All mobiles are notes. No note is a door. All cars are notes. All doors are animals.
2. Statements: Some mobiles are notes. No note is an animal. All cars are doors. All doors are animals.
3. Statements: Some mobiles are notes. No note is a door. All cars are notes. All doors are animals.
4. Statements: All mobiles are notes. No note is an animal. All cars are doors. All doors are animals.
5. Statements: All mobiles are notes. No note is a door. All cars are doors. All doors are animals.
A. Only Statements - 1 \& 2
B. Only Statements -2 \& 3
C. Only Statements - 3
D. Only Statements $-4 \& 5$
E. Only Statements - 5

## 47. Conclusions: Some hospitals are flat is a possibility. Some schools are not colleges

## Statements:

1. Statements: All flats are apartments. All apartments are schools. No apartment is college. No hospital is school.
2. Statements: Some flats are apartments. All apartments are schools. Some apartment are college. No hospital is school.
3. Statements: All flats are apartments. All apartments are schools. No apartment is college. All hospitals are schools
4. Statements: All flats are apartments. All apartments are schools. No hospital is a flat. Some hospitals are Colleges
5. Statements: Some flats are apartments. All apartments are schools. No apartment is college. Some hospitals are Colleges
A. Only Statements -1 and 2
B. Only Statements -2 and 3
C. Only Statements -3 and 5
D. Only Statements -4 and 5
E. Only Statements - 5
6. Conclusions: Some tools are bags. Some instruments are bags.

## Statements:

1. Statements: Some Subjects are tools. All tools are instruments. No instrument is book. No bag is instrument.
2. Statements: All Subjects are tools. All tools are instruments. No instrument is book. All bags are tools.
3. Statements: Some Subjects are tools. All tools are instruments. No instrument is book. Some bags are books.
4. Statements: All Subjects are tools. All tools are instruments. No instrument is book. Some bags are subjects.
5. Statements: All Subjects are tools. All tools are instruments. No instrument is book. Some bags are books.
A. Only Statements -1 and 2
B. Only Statements -2 and 3
C. Only Statements -2 and 4
D. Only Statements -1 and 3
E. None of these
6. Conclusions: All birds are being vegetables is a possibility. Some vegetables are being animals is a possibility Statements:
7. Statements: All animals are birds. No bird is a fruit. Some fruits are vegetables. Some fruits are plants
8. Statements: All animals are birds. No bird is vegetables. No fruit is vegetables. Some fruits are plants
9. Statements: Some animals are birds. No bird is a fruit. Some fruits are vegetables. Some fruits are plants
10. Statements: Some animals are birds. No bird is vegetables. No fruit is vegetables. Some fruits are plants
11. Statements: All animals are birds. No bird is a fruit. All vegetables are animals. Some fruits are plants
A. Only Statements $-1 \& 2$
B. Only Statements -2 \& 3
C. Only Statements $-3 \& 4$
D. Only Statements $-4 \& 5$
E. None of these
12. Conclusions:

All D's are being B's is a possibility Some C are E Statements:

1. Statements: Some $A$ 's are $B$ 's. Some $B$ 's are $C$ 's. No $C$ is $D$. No $D$ is $E$.
2. Statements: All A 's are B's. All B's are C's. Some C's are D's. All D's are E's
3. Statements: Some A's are B's. All B's are C's. Some C's are D's. All D's are E's
4. Statements: All A's are B 's. Some B's are C's. No C is D. All D's are E's
5. Statements: All A's are B's. All B's are C's. No C is D. All D's are E's
A. Only Statements -1 \& 2
B. Only Statements $-2 \& 3$
C. Only Statements $-3 \& 4$
D. Only Statements -4 \& 5
E. None of these

## Solutions:

1. Answer: d)

2. Answer: c)

3. Answer: c)

4. Answer: d)

5. Answer: c)

6. Answer: e) $\square$

7. Answer: b)

8. Answer: a)

9. Answer: c)

10. Answer: E)

11. Answer: C)

12. Answer: D)

13. Answer: A)

14. Answer: $C$ )

15. Answer: A)

16. Answer: B)

17. Answer: D)

18. Answer: A)

19. Answer: E)

20. Answer: A)

21. Answer: B)

22. Answer: D)

23. Answer: B)

24. Answer: D)

25. Answer: A)

26. Answer: D)

27. Answer: A)

28. Answer: D)

29. Answer: C)

30. Answer: B)


Possibility Diagram:

37. Answer: C)

38. Answer: D)

40. Answer: A)

41. Answer: A)

42. Answer: E)



44. Answer: B)

45. Answer: D)

46. Answer: E)

47. Answer: C)

48. Answer: C)

49. Answer: E)

50. Answer: B)


