

Syllogism

Part 1 - Basic

Model 1

Directions (1-5): In each question below are three statements followed by three conclusions numbered I, II and III. You have to take the three 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 follows from the three given statements, disregarding commonly known facts.

1. Statements:

All stamps are packets. Some packets are buckets. All buckets are tubes.

Conclusions:

- I. Some tubes are stamps.
- II. Some buckets are stamps.
- III. Some tubes are packets.

- 1) None follows
- 2) Only I follows
- 3) Only II follows
- 4) Only III follows
- 5) Only II and III follows

2. Statements:

Some doors are windows. Some windows are lamps. All lamps are candles.

Conclusions:

- I. Some candles are doors.
- II. Some candles are windows.
- III. Some lamps are doors.

- 1) Only I follows
- 2) Only II follows
- 3) Only III follows
- 4) Only I and II follows
- 5) None of these

3. Statements:

Some towns are villages. Some villages are lanes. Some lanes are hamlets.

Conclusions:

- I. Some hamlets are villages.
- II. Some lanes are towns.
- III. Some hamlets are towns.

- 1) None follows
- 2) Only I follows
- 3) Only II follows
- 4) Only III follows
- 5) Only II and III follows

4. Statements:

Some rivers are hills. No hill is taxi. All taxis are buses.

Conclusions:

- I. Some buses are rivers.
- II. Some taxis are rivers.
- III. No bus is river.

- 1) None follows
- 2) Only I follows
- 3) Only III follows
- 4) Only II follows
- 5) Only either I or III follows

5. Statements:

All machines are crowns. All crowns are tablets. Some tablets are bottles.

Conclusions:

- I. Some bottles are crowns.
- II. Some tablets are machines.
- III. Some bottles are machines.

- 1) Only I follows
- 2) Only II follows
- 3) Only III follows
- 4) Only II and III follows
- 5) None of these

Directions (6-10): In each of the questions below are given four statements followed by four conclusions numbered I, II, III & IV. 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.

6. Statements:

All dolls are toys. Some toys are gems. Some gems are boxes. All boxes are sticks.

Conclusions:

- I. Some sticks are gems.
II. Some gems are dolls.
III. Some sticks are dolls.
IV. Some toys are dolls.
- 1) Only I follows 2) Only II follows
3) Only III and IV follows 4) Only I and IV follows 5) None of these

7. Statements:

Some days are nights. Some nights are weeks. All weeks are months. All months are years.

Conclusions:

- I. Some years are nights.
II. Some years are days.
III. Some months are nights.
IV. Some years are weeks.
- 1) Only I, II and III follow
2) Only I, III and IV follow
3) Only II, III and IV follow
4) All follow
5) None of these

8. Statements:

Some doors are handles. All handles are pins. Some pins are threads. All threads are clothes.

Conclusions:

- I. Some clothes are pins.
 II. Some pins are doors.
 III. Some clothes are handles.
 IV. Some clothes are doors.
- 1) Only II and III follow 2) Only I, III and IV follow
 3) Only II, III and IV follow 4) All follow 5) None of these

9. Statements:

Some papers are lamps. Some lamps are bulbs. Some bulbs are tubes. Some tubes are walls.

Conclusions:

- I. Some walls are lamps.
II. Some bulbs are papers.
III. Some tubes are lamps.
IV. Some walls are papers.
- 1) Only I and II follow 2) Only III and IV follow
3) Only I, II and III follow 4) All follow 5) None of these

10. Statements:

All roads are cars. No car is tree. Some trees are jungles. All jungles are rivers. **Conclusions:**

- I. Some rivers are roads.
- II. Some jungles are roads.
- III. Some cars are roads.
- IV. No jungle is road.

- 1) None follows
- 2) Only either II or IV follows
- 3) Only either II or IV and III follow
- 4) Only III and IV follow
- 5) Only either II or IV and I and III follow

Directions (11-15): In each question below are our statements followed by four conclusions numbered I, II, III and IV You have to take the four given statements to be are even if they seem to be at variance with commonly known acts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

11. Statements:

All belts are rollers. Some rollers are wheels. All wheels are mats. Some mats are cars.

Conclusions:

- I. Some mats are rollers.
- II. Some mats are belts.
- III. Some cars are rollers.
- IV. Some rollers are belts.
- 1) Only I and II follow
- 2) Only I, III and IV follow
- 3) Only I and IV follow
- 4) Only II, III and IV follows
- 5) None of these

12. Statements:

Some trains are rains. Some rains are flowers. All flowers are jungles. All jungles are tubes.

Conclusions:

- I. Some Jungles are trains
- II. Some tubes are rains.
- III. Some Jungles are rains.
- IV. Some tubes are flowers.
- 1) Only I, II and III follow
- 2) Only II, III and IV follow
- 3) Only I, III and IV follow
- 4) All follow
- 5) None of these

13. Statements:

All desks are chairs. All chairs are tables. All tables are boxes. All boxes are trunks.

Conclusions:

- I. Some trunks are tables.
- II. All chairs are boxes.
- III. Some boxes are desk.
- IV. All desks are trunks.
- 1) Only I, II and III follow
- 2) Only I, II and IV follow
- 3) Only II, III and IV follow
- 4) All follow
- 5) None of these

14. Statements:

Some birds are goats. Some goats are horses. Some horses are lions. Some lions are tigers.

Conclusions:

- I. Some tigers are goats.
- II. No tiger is goat.
- III. Some lions are birds.
- IV. No lion is bird.
- 1) Only either I or II follow
- 2) Only either III or IV follow
- 3) Only either I, II, and III or IV follow
- 4) Only I and III follow
- 5) None of these

15. Statements:

All papers are bottles. All bottles are cups. Some cups are jugs. Some jugs are plates.

Conclusions:

- I. Some plates are cups.
- II. Some plates are bottles.
- III. Some cups are papers.
- IV. Some bottles are papers
- 1) Only III and IV follow
- 2) Only I and II follow
- 3) Only I and III follow
- 4) Only II and IV follow
- 5) None of these

Directions (16-20): In each of the questions 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 regarding commonly known facts.

Give answer 1) if only conclusion I follows.

Give answer 2) if only conclusion II follows.

Give answer 3) if either conclusion I or II follows.

Give answer 4) if neither conclusion I nor II follows

Give answer 5) if both conclusions I and II follow.

16. Statements:

All benches are cots. No cot is lamp. Some lamps are candles.

Conclusions:

- I. Some cots are benches. II. Some candles are cots.

17. Statements:

Some cats are dogs. All dogs are goats. All goats are walls

Conclusions:

- I. Some walls are dogs. II. Some walls are cats.

18. Statements:

Some buildings are sofas. Some sofas are benches. Some benches are tables. **Conclusions:**

- I. Some tables are sofas. II. No table is sofa

19. Statements:

All rats are bats. Some bats are desks. All desks are chairs.

Conclusions:

- I. Some desks are rats II. Some chairs are rats.

20. Statements:

Some roads are ponds. All ponds are stores. Some stores are bags.

Conclusions: I. Some bags are ponds II. Some stores are roads.

Model 2

Directions (21-30): In each question below are given two/three statements followed by two conclusions numbered I & II. 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 follows from the three given statements, disregarding commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows

Give answer 1) If only Conclusion I follows

Give answer 2) If only Conclusion II follows

Give answer 3) If either Conclusion I or II follows

Give answer 4) If neither Conclusion I nor II follows

Give answer 5) If both Conclusions I and II follows

21. Statements:

Some papers are boards. No boards are cards.

Conclusions:

- I. All cards being papers is a possibility. II. All boards being papers is a possibility.

22. Statements:

All circles are squares. Some squares are rectangles.

Conclusions:

- I. All rectangles being squares is a possibility. II. Can all circles be rectangles?

23. Statements:

Some paintings are drawings. All sketches are paintings.

Conclusions

- I. All sketches are drawings. II. Some sketches being drawings is possible.

24. Statements:

All energies are forces. No force is torque. All torques are powers.

Conclusions:

- I. All energies being power is a possibility. II. All powers being force is a possibility.

25. Statements:

Some oceans are seas. All oceans are rivers. No river is a canal.

Conclusions:

- I. All rivers can never be oceans. II. All canals being oceans is a possibility.

26. Statements:

All buildings are houses. No house is an apartment. All apartments are flats.

Conclusions:

- I. All buildings being flats is a possibility. II. All apartments being building is a possibility.

27. Statements:

No day is night. All nights are noon. No noon is an evening.

Conclusions:

- I. No evenings are nights. II. All days being noon is a possibility.

28. Statements:

No stone is metal. Some metals are papers. All papers are glass.

Conclusions:

- I. All stones being glass is a possibility. II. No stone is paper.

29. Statements:

Some teachers are professors. Some lectures are teachers.

Conclusions:

- I. No professor is a lecturer. II. All lecturers being professors is a possibility.

30. Statements:

All gliders are parachutes. No parachute is airplane. All airplanes are helicopters.

Conclusions:

- I. No helicopter is a glider. II. All parachutes being helicopter is a possibility.

Answers

1 - 4	2 - 2	3 - 1	4 - 5	5 - 2	6 - 4	7 - 2	8 - 5	9 - 5	10 - 3
11 - 3	12 - 2	13 - 4	14 - 3	15 - 1	16 - 1	17 - 5	18 - 3	19 - 4	20 - 2
21 - 5	22 - 5	23 - 2	24 - 1	25 - 4	26 - 1	27 - 5	28 - 1	29 - 2	30 - 2

Directions (1-5): In

only Conclusion I does not follow
only Conclusion II does not follow
only Conclusion III does not follow
both conclusion I & II do not follow
none of these

- ## Conclusions:

- 2. Statement:**

Conclusions:

- ### 3. Conclusions:

- 4. Statement:**

Conclusions:

- ## 5. Conclusions:

- Directions (6-10):** Some statements are given followed by some conclusions. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions if any, follow from the given statements.

- ## Conclusions:

- 1) I, II and either III or IV follow

- 2) III and IV follow

- 5) None of the above

- 3) I and II follow

7. Statements:

100% pens are clocks. 99% clocks are tyres. Some tyres are wheels. Some wheels are buses.

Conclusions:

- I. 25% buses are tyres. II. Some wheels are clocks. III. Some wheels are pens.
IV. 65% buses are clocks.
1) None follows 2) Only I follows 3) Only II follows
4) Only III follows 5) Only IV follows

8. Statements:

50% roses are flowers. Some flowers are buds. All buds are leaves. 100% leaves are plants.

Conclusions:

- I. 20% plants are flowers. II. Some roses are buds. III. 100% leaves are roses.
IV. 0% roses are buds.
1) Only I follows 2) I and II follows 3) I and either II or IV follow
4) Either II or IV follows 5) None of the above

9. Statements:

Few doctors are lawyers. All teachers are lawyers. Some engineers are lawyers.
100% engineers are businessmen.

Conclusions:

- I. few teachers are doctors. II. 20% businessmen are lawyers. III. Some businessmen are teachers. IV. Some lawyers are teachers.
1) None follows 2) Only II follows 3) Only III follows
4) II and IV follows 5) None of these

10. Statements:

90% sweets are chocolates. Some chocolates are mint. 20% mints are food.
Some food are diet.

Conclusions:

- I. 0% sweets are diet. II. 0% food is chocolates. III. 5% sweets are diet.
IV. Some sweets are food.
1) None follows 2) Either I or III follows 3) III and IV follow
4) II and III follow 5) None of these

Directions (11-15): 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 options is correct disregarding commonly known fact is.

11. Statements:

All numbers are digits. Some letters are words. No digit is a letter.

Conclusions:

- I. Some numbers are not letters. II. Some words are definitely not digits.
III. All letters are not digits.
1) Only conclusion III is false. 2) Both conclusions I and II are true.
3) Either conclusion I or II is true. 4) All conclusions are true.
5) Only conclusion II is false.

12. Conclusions:

- I. At least some words are letters.
II. All digits being numbers is a possibility
III. All letters being digits is a possibility
1) Only conclusion I is true. 2) Both conclusions I and III are false.
3) Either conclusion I or II is true. 4) Neither conclusion I nor III is true.
5) Only conclusion III is false.

Some sands are particles. Some particles are glasses.

Conclusions:

- I. Some glasses are definitely not particles
II. Some glasses being sands is a possibility.
III. Some particles are sands.
- 1) Only conclusion I is false. 2) Either conclusion I or III is true.
3) Neither conclusion I nor II is true. 4) Only conclusion II is true.
5) Only conclusion III are true.

14. Statement:

Some Indians are not Africans All Africans are Asians Some Asians are Americans

Conclusions:

- I. Some Indians are not Asians
II. Some Indians are not Americans
III. All Africans are Americans
IV. Some Americans are Indians
- 1) Only conclusion I is true.
2) Either conclusion I or III is true.
3) Neither conclusion I nor II is true.
4) Only conclusion II is true.
5) None of these

15. Statement:

All fathers are brothers. Some daughters are not brothers. Some mothers are daughters.
All sisters are brothers. No father is a mother.

Conclusion:

- I. Some daughters if they are brothers are necessarily not mothers.
II. Some mothers are not sisters.
- 1) Only conclusion I is true. 2) Either conclusion I or II is true.
3) Neither conclusion I nor II is true. 4) Only conclusion II is true.
5) Both conclusion I and II are true.

16. Statements:

some tables are chair no cupboard is table some chairs are cupboards

Conclusions:

Some chair are no tables

All chairs are either table or cupboards Some chairs are table

All chairs are table

- 1) only 1 follows 2) only 2 follows
3) either 3 or 4 follows 4) either 2 and 4 follows 5) None of these

17. Statements:

All fruits are vegetables Some vegetables are pulses Some pulses are not cereal

Conclusions:

- I. Some vegetables are not cereal
II. All vegetables being fruit is a possibility
- 1) Only Conclusion I follows 2) Only Conclusion II follows
3) Either Conclusion I or II follows 4) Neither Conclusion I or II follows
5) Both Conclusions I or II follows

18. Statements:

Some people are buyers No buyer is market Some markets are not malls

Conclusions:

- I. Some malls are buyers
II. Some buyers are not malls
- 1) Both I and II follows 2) Either I or II follows 3) Only I follow
4) Only II follow 5) Neither I nor II follows

19. Statements:

Each bag is a book. Very few bags are bricks. Not a single bag is a bottle.

Conclusions:

I. Some books are not bottles is a possibility.

II. Some books are not bags is a possibility. Which of the following conclusions follows?

1) If only I follows

2) If only II follows

3) If either I or II follows

4) If neither I nor II follows

5) If both I and II follows

20. Statements:

No win is trophy. All trophies are cups All cups are prizes

Conclusion:

1) All cups can never be win.

21. Statements:

Some controls are steers All steers are drives No drive is a navigation

Conclusions:

1) Some drives are definitely not controls

2) All navigations being controls is a possibility

22. Statements:

All apples which are red are tasty. Most reds are apples. Some balls are red. Most apples are balls.

Conclusions:

I. Some reds are tasty.

II. Some apples are neither red nor ball.

23. Statements: No W is Y All W are X Some Y are Z**Conclusion:**

I. Some Z are not W

II. Some Y are not X

Directions (24-25): In each of these questions, two Conclusions have been given followed by 5 sets of possible Statements. You have to take the given Conclusions to be true even if they seem to be at variance with the commonly known facts and then decide for the given Conclusions logically follows from the which of the given statements disregarding commonly known facts.

24. **Conclusion:** No toxics are Injection and some Injections are Glucose.

(a) Statements:

All glucose are medicine. Some medicine are toxic. Some toxic are injection. All injections are insulin.

(b) Statements:

Some toxic are insulin. Some insulin are medicine. All medicines are Injections. Some medicines are Glucose.

(c) Statements:

All toxic are insulin. Some insulin are medicine. Some medicines are Injections. All medicines are Glucose.

(d) Statements:

All Glucose are Injections. Some Injections are medicine. All injections are insulin. Some insulin are toxic

(e) Statements:

All Glucose are Injections. Some Injections are medicine. All injections are insulin. No insulin is toxic

25. Conclusion:

At least some amounts are costs.

All amounts being prices is a possibility.

(a) Statements:

Some costs are prices. Some prices are amounts. All amounts are expenses

(b) Statements:

Some prices are costs. Some costs are amounts. All amounts are expenses.

(c) Statements:

Some prices are costs. Some costs are amounts. All amounts are expenses.

No Expenses is Price.

(d) Statements:

Some amounts are prices. Some prices are expenses. Some expenses are Costs.

(e) Statements:

All Costs are Prices. No prices are expenses. All expenses are Amount.

26. Statements:

All houses are inns Some inns are motels

Conclusions:

- I. Some houses are motels
- II. Some motels are not inns
- III. All inns are house
- IV. Only those houses are inns which are not motels

27. Statements:

All Guneet are Vidushi Some Swati are Guneet Some Neepa are Vidushi

Conclusion:

1. No Neepa is Swati is a possibility
2. Some Guneet which are Vidushi must be a part of Swati

28. Statements:

Some schools which aren't students are colleges. No student is a principal.

All schools are principals.

Conclusion:

- I. No college is a principal.
- II. Some principles are colleges.
- III. All colleges are schools.

29. Conclusions:

All studs being trees is not a possibility. No tree is a toy.

options:

- | | | |
|------------------------------|---------------------------|---------------------|
| 1) Some trees are boots. | No boot is a stud. | All studs are toys. |
| 2) Some studs are not boots. | All trees are boots. | No boot is a toy. |
| 3) All boots are studs. | Some trees are not boots. | No toy is a stud. |
| 4) Some boots are toys. | All trees are boots. | No toy is a stud. |
| 5) None of these | | |

Directions (30-31): Each of the following questions consists of six statements followed by options consisting of three statements put together in a specific order. Choose the options that indicate a combination where the third statement can be logically deduced from the first two statements and that option will be your answer.

30. Statements:

- | | | |
|-------------------|-----------------|--|
| i. Some P is Q. | ii. All Q is R. | iii. No R is S. |
| iv. Some S are Q. | v. All Q are T. | vi. Some T are P |
| 1) [ii, iii, iv] | 2) [vi, i, v] | 3) [iv, ii, iii] 4) [iv, iii, ii] 5) None is correct |

31. Statements:

i. Some M is N.

ii. Some T is X.

iii. No X is R.

iv. Some Y is M

v. Some R is M

vi. All N is Y

1) [i, v, iii]

2) [v, iv, vi]

3) [i, vi, iv]

4) [iv, vi, i]

5) None is correct

32. Statements:

Some cocks are not hens Some birds are hens No bird is chicken

Conclusions:

All hens being chicken is not a possibility Some cocks being chicken is not possibility

Some hens not being chicken is not a possibility No cocks being chicken is not a possibility

33. Conclusion: Some homes are floors is a possibility. Some ships are not cities**Statement 1.** All Floors are antenna. All antenna are Ships. No antenna is City.

No hospital is Ship

Statement 2. Some floors are antenna. All antenna are Ship. Some antenna are

City. No hospital is Ship

Statement 3. All Floors are antenna. All antenna are Ship. No antenna is City. All homes are Ships**Statement 4.** All Floors are antenna. All antenna are Ship. No hospital is Floor.

Some homes are cities

Statement 5. Some Floors are antenna. All antenna are Ship. No antenna is City.

Some Homes are Cities

34. Statements:

All roses are leaves Some leaves are flowers All flowers are plant

Some flowers which are leaves are not roses

Conclusions:

I. Some roses which are leaves are not flowers

II. Some plants which are flowers are not leaves

1) Only I follows

2) Only II follows

3) Neither I nor II follows

4) I and II both follows

5) None of these

35. Statements:

All fathers are brothers

Some daughters are not brothers Some mothers are daughters

All sisters are brothers No father is a mother

Conclusions:

I. Some daughters if they are brothers are necessarily not mothers

II. Some mothers are not sisters

1) Only conclusion I is true

2) Either conclusion I or II is true

3) Neither conclusion I nor II is true

4) Only conclusion II is true

5) Both conclusion I and II are true

36. Statements:

All matches are cups

Some fields are not viewers

All viewers are fans

Some matches are not fans

Conclusions:

I. Some cup which are fans are not viewers

II. Some matches which are not viewers are cups

III. Some fields which are fans are not matches

1) Only I and III follow

2) Only II follows

3) Only II and III follows

4) Only III follows

5) None of these

37. Statements:

All towns are market No municipal is a city Any market is municipal

Conclusions:

- I. All towns is municipal II. No market is city
 III. No town is municipal IV. All town can never be city
 V. All market being municipal is a possibility
 1) Only I follows 2) Only II follows 3) I, II, IV, V follows
 4) All follows 5) None follows

38. Statements:

45% waste is white 56% white is water 75% water is water

Conclusions:

- I) 34% waste which is white is water
 II) 45% water is neither waste nor white

39. Read the following information carefully and answer the question given below? In the following questions, the symbols \$, %, @, # and & are used with the following meaning as illustrated below

- 1) 'P % Q' means 'Some Q are not P'
 2) 'P \$ Q' means 'All P are Q'
 3) 'P @ Q' means 'Some P are not Q'
 4) 'P # Q' means 'No P is Q'
 5) 'P & Q' means 'Some P are Q'

You have to consider the given statement to be true then you have to analyze which of the following conclusion is definitely true

Statement: S %T \$ R & M \$ N % J \$ Q

Conclusions:

- 1) Q \$ R 2) Q % N 3) Q % M 4) M % Q 5) R % J

40. Conclusion:

No car is a bike All bikes being races is a possibility

Statements:

Statements - 1: All matches are bikes. No bike is a lap. All cars are bikes. All laps

are races. Statements - 2: Some matches are bikes. No bike is a race. All cars are

laps. All laps are races. Statements - 3: Some matches are bikes. No bike is a lap.

All cars are bikes. All laps are races. Statements - 4: All matches are bikes. No bike

is a race. All cars are laps. All laps are races.

Statements - 5: All matches are bikes. No bike is a lap. All cars are laps. All laps are races.

- 1) Only Statements — 1 & 2 2) Only Statements — 2 & 3
 3) Only Statements — 3 4) Only Statements — 4 & 5 5) None of these

Answers

1. None of these
2. None of these
3. None of these
4. Both conclusion I & II do not follow
5. Only Conclusion I does not follow
6. I, II and either III or IV follow
7. None of these
8. I and either II or IV follow
9. II and IV follows
Either I or III follows
11. All conclusions are true.
12. Only conclusion III is false.
13. Only conclusion I is false.
14. None of these
15. Only conclusion I is true.
16. None of these
17. Only conclusion II follows
18. Neither I nor II follows
19. If both I and II follows
20. I follows
21. II follows
22. I follows
23. I follows
24. E
25. B
26. None follow
27. Both follow
28. II follows
29. Some studs are not boots. All trees 10.
are boots. No boot is a toy.
30. None is correct
31. [i, vi, iv]
32. Only Conclusion I True
33. 3 and 5 both will follow
34. Neither I nor II follows
35. Neither conclusion I nor II is true
36. Only II follows
37. I, II, IV, V follows
38. None follows
39. $M \% Q$
40. None of these