

Syllogism

Type I

Directions (1 -10) In each of the following questions some statements are given 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 from commonly known facts.

Give answer if:

- a. Only I follow
- b. Only II follows
- c. Either I or II follows
- d. Neither I nor II follows
- e. Both I & II follow

1. Statements: Some Heart is ace. All kings are queen.
Some kings are heart

Conclusions:

- I. All Ace are Queen II. Some King are Ace

2. Statements: Some Earth is moon. No moon is star

Conclusions:

- I. Some star are Earth II. Some moon are Earth

3. Statements: All the Bags are Handles.

All the Handles are Clips. All the Clips are Gaps

Conclusions:

- I. All the Clips are Bags II. All the Handles are Gaps

4. Statements: All parties are Function. Some Function is Enquiry. Some services are Function

Conclusions:

- I. No parties is enquiry II. All service is enquiry

5. Statements: Some Pens are Slats. No Slats is Pencils. All Pencils are Erasers

Conclusions:

- I. Some Pencils are Slats II. Some Erasers are Pens

6. Statements:

Some House are Xiomi. Some Flat are Uber. No Xiomi is Uber

Conclusions:

- I. All House are flat. II. No Flat is House

7. Statements: All Delhi is Mumbai. No Mumbai is Kolkata. All Mumbai is Chennai.

Conclusions:

- I. Some Delhi are Kolkata. II. No Delhi is Kolkata.

8. Statements: All Plugs are Wire. Some Switch are Plugs. Some Buttons are Switch.

Conclusion:

- I. Some Buttons are Plugs. II. All Plugs are Buttons.

9. Statements: All garbage are junk. No junk is mail. All junk are spam.

Conclusions:

- I. All garbage are spam. II. Some spam are mail.

10. Statements: No mars is earth. All sun is earth.

Some earth is Saturn.

Conclusions:

- I. No sun is mars. II. Some mars is sun.

11. Statements: Some cow is deer. No deer is dog. Some dog is fox.

Conclusions:

- I. Some cow is fox. II. Some fox is deer.

12. Statements: Some hours are minutes. No minute is seconds.

Conclusions:

- I. some seconds are hours. II. All hours are seconds.

13. Statements: Some Tannu are Mamta. Some Naween are Jai. No Naween is Mamta.

Conclusions:

- I. Some Naween are Tannu. II. Some Jai are Mamta

14. Statements: Some Landlords are farmers. All landlords are labours. Some Labours are Traders

Conclusions:

- I. Some Labours are Farmers

- II. Some labours are landlords

15. Statements: All dark is night. No dark is dog. Some dog is time.

Conclusions:

- I. Some night is not dog. II. Some time is not dark

16. Statements: All Keys are Staplers. All staplers are Blades. Some Blades are Erasers. Some Erasers are Sharpeners.

Conclusions:

- I. Some Sharpeners are Keys II. All Keys are Blades

17. Statements: All soil is dark. Some dark is green.

No green is field.

Conclusions:

- I. Some dark is soil. II. Some dark is not field.

18. Statements: All baskets are Marbles. Some marbles are sticks. No stick is garden

Conclusion:

- I. Some Gardens are baskets. II. No Garden is Basket

19. Statements: All Men are Women. All Women are Children. No Children is young

Conclusions:

- I. Some Children are Men II. No men is Young

20. Statements: All Lenovo are Samsung. No Samsung is Lava. Some Moto are Samsung.

Conclusion:

- I. No Lava is Lenovo II. Some Lava is Moto.

21. Statements: All Letters are Vowels. Some Vowels are Words. No Word is Consonant

Conclusions:

I. All Consonants being Vowels. II. No Letter is Consonant

22. Statements: Some rooms are chairs. All rooms are tables. All tables are fans.

Conclusion:

I. Some fans are Chair. II. Some Tables are chair.

23. Statements: Some Pots are Mats. All Mats are Cats. No Cat is Rat

Conclusions:

I. No Rat is Pot II. Some Rats are not Mats

24. 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

25. 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

26. Statements: No plants are tree. All tree is fruit. All fruit are herbs

Conclusions:

I. Some tree are herbs. II. All herbs are plant

27. Statements: Some Bottles are Lids. Some Lids are Flat Some Flat are Round

Conclusions:

I. Some Flat are Lid II. No Round is Bottles

28. Statements: All Green are Red All Red are Black All Black are Blue

Conclusions:

I. All Red are Green II. All Blue are Green

29. 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

30. Statements: Some Years are Month. All Days are Years. No Leap is Month.

Conclusions:

I. Some Months are days. II. No Month is day.

31. Statements: Some rail is metro. All metro is bus. No bus is bike.

Conclusions:

I. Some rail is not bike. II. No metro is bike.

32. Statements: Some shirts are Pants. Some Pants are ties. No pant is bag.

Conclusion:

I. Some ties are Bags. II. Some ties are not bags.

33. Statements: Some Lines are Rows Some Rows are Columns No lines are Graphs

Conclusions:

I. Some Lines are not Graphs
II. No Column is Graphs

34. Statements: No Lic is Nabard Some Sbi are Ibps All Sbi are Nabard.

Conclusions:

I. All Ibps are Nabard. II. Some Ibps are Lic is a possibility.

35. Statements: Some P are S Some S are L Some L are N

Conclusions:

I. Some N are P II. NO N is L

36. Statements: Some M is N. Some N is P. All P is Z. No Z is X

Conclusions:

I. Some N is Z II. Some N is X

37. Statements: No J is K. Some K is D. Some D is E. No E is F

Conclusions:

I. Some E is K II. Some D is F

38. Statements: Some L are R. No R are B

Conclusions:

I. All B are L is possibility II. Some L is B

39. Statements: Some apple is mango. No mango is orange.

Conclusions:

I. No apple is orange. II. Some orange is apple.

40. Statements: No milk is cow. All fox is cow.

Conclusions:

I. No fox is milk. II. Some milk is fox.

Type II

1. Statements: Some physics is English .No English is math's .All math's are economics.

Conclusions:

I. Some physics is not math's.
II. Some English can be economics.
III. Some economics is not English.
a)If only conclusion II follow
b)If both conclusions II and III follow
c)If both conclusions I and III follow
d)If both conclusions I and II follow
e) If all conclusions follows

2. Statements: No leader is voter. Some leaders are beautiful. Some voters are ugly. All beautiful are nice.

Conclusions:

I .All leaders are beautiful.
II. Some beautiful are definitely not voters.

III. Some ugly are definitely not beautiful.

- a) If only conclusion II follow
- b) If both conclusions I and III follow
- c) If both conclusions II and III follow
- d) If all conclusions follow
- e) If both conclusions I and II follow

3. Statements: Some red are blue. All white are blue. All yellow are red. Some white are orange.

Conclusions:

- I. Some white are yellow.
- II. Some orange are definitely red.
- III. At least some blue are orange.
- a) If both conclusions I and III follow
- b) If only conclusion III follow
- c) If both conclusions I and II follow
- d) If both conclusions II and III follow
- e) If all conclusions follows

4. 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

5. 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

6. Statements: All blue are green. Some yellow are green. All red are yellow.

Conclusions:

- I. Some red are blue.
- II. All red are blue.
- III. All blue are yellow.
- IV. Some green are red.
- a) All follow
- b) Both I and II follow
- c) Either I or II follows
- d) Only III and Either I or II follows
- e) None follows

7. 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

8. 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

9. Statements: No smack is a screw. Some screws are spansks. All spansks are slaps.

Conclusions:

- I. All smacks are not spansks.
- II. Only slaps are spansks.
- III. Some slaps are definitely screws.
- IV. All slaps being smacks is a possibility.
- a) Either II or IV and III follow
- b) II and III follow
- c) Only IV follows
- d) Only III follows
- e) None of these

10. 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

11. Statements: All stones are hammers. No hammer is a ring. Some rings are doors. All doors are windows.

Conclusions:

- I. Some windows are stones.
- II. Some windows are rings.

- III. No window is a stone.
 IV. Some rings are stones.
 a) Only I follows
 b) Only II follows
 c) Only III follows
 d) Only either I or III follows
 e) Only either I or III and II follow

12. 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

13. Statements: Some trains are cars. All cars are branches.
 All branches are nets. Some nets are dresses.
 Conclusions:
 I. Some dresses are cars.
 II. Some nets are trains.
 III. Some branches are trains.
 IV. Some dresses are trains.
 a) Only I and III follow
 b) Only II and III follow
 c) Only I and IV follow
 d) Only II, III and IV follow
 e) None of these

14. 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 III not follows
 d) Only III follows
 e) All not follows

15. Statements: Some pencils are kites. Some kites are desks. All desks are jungles. All jungles are mountains.
 Conclusions:
 I. Some mountains are pencils.
 II. Some jungles are pencils.
 III. Some mountains are desks.
 IV. Some jungles are kites.
 a) Only I and III follow
 b) Only I, II and III follow
 c) Only III and IV follow
 d) Only II, III and IV follow
 e) None of these

Type III

Directions (1-5): Read the statements carefully and then decide which of the following conclusions does not logically follow.

1. Statements: Some Short bones are flat bones All flat bones are long bones No long bones is irregular bones
 Conclusions

- :I .All irregular bones being short bone is a possibility
 II. All short bones being long bones is a possibility
 III. All flat bones being short bones is a possibility
 IV .Some irregular bones are being flat bone is a possibility
 a) Conclusion I does not follow
 b) Conclusion II does not follow
 c) Conclusion III does not follow
 d) Conclusions I and II does not follow
 e) Conclusions IV does not follow

2. Statements: All Brills are Barb All barbs are char No char is Dory. No dory is globy

- Conclusions:
 I. At least some barbs are dory
 II. Some dory are definitely not char
 III. Some brill being not globy is a possibility
 a) Conclusion I does not follow
 b) Conclusion II does not follow
 c) Conclusion III does not follow
 d) Conclusions I and II does not follow
 e) Conclusions I and III does not follow

3. Statements: Some Nokia are Redmi Some Redmi are Samsung No Samsung is apple All apple are Sony
 Conclusions:

- I. Some apple are not Redmi
 II. Frequently Samsung are Sony
 III. Some Nokia are Samsung
 IV. No Redmi is Sony
 a) Conclusion I does not follow
 b) Conclusion II does not follow
 c) Conclusion III does not follow
 d) Conclusions IV does not follow
 e) All conclusions not follows

4. Statements: All orange are grapes Some mango potato No potato is grape All apple are orange

- Conclusions:
 I. Some mango is not grape
 II. Some Apple is not mango
 III. No orange is potato
 IV. No mango is orange
 a) Conclusion I does not follow
 b) Conclusion II does not follow
 c) Conclusion III does not follow
 d) Conclusions IV does not follow
 e) Conclusions II and IV does not follow

5. Statements: Some cats are rat. All rats are dog No dog is bat. All bat are rabbit

Conclusions:

- I. Some cat are dog
- II. Some rat are not rabbit
- III. No rat is bat
- IV. All bat is cat is possibility
- a) Conclusion I does not follow
- b) Conclusion II does not follow
- c) Conclusion III does not follow
- d) Conclusions IV does not follow
- e) All does not follow

6. Statements: Few Cards are Covers. Few Covers are keyboards. Few keyboards are alphabets. Few alphabets are numbers.

Conclusions:

- I. Few numbers are Cards.
- II. Some alphabets are Covers.
- III. Some keyboards are Cards.
- IV. None Number is a card.
- a) Only I follow
- b) Only I, III and IV follow
- c) Only II follows
- d) Only either I or IV follows
- e) None of these

7. Statements: Every parts are spares. Few spares are machines. Every machines are needles. Few needles are circles.

Conclusions:

- I. Few needles are spares.
- II. Few spares are parts.
- III. Few circles are needles.
- IV. Few needles are machines.
- a) None follows
- b) Only I and II follow
- c) Only I, II and III follow
- d) Only II, III and IV follow
- e) All follow

8. Statements: Every cells are mobiles. Every mobiles are androids. None android is Oreo. Every Oreos are leafs.

Conclusions:

- I. None cell is android.
- II. None cell is Oreo.
- III. Every cells are androids.
- IV. Every leaf are Oreos.
- a) Only I and II follow
- b) Only II and III follow
- c) Only I, II and III follow
- d) All follows
- e) None of these

9. Statements:

Every caps are fans.
Every fans are lights.
Few lights are lines.

Few lines are codes.

Conclusions: I. Few codes are caps.

II. Few fans are codes.

III. Few lines are caps.

IV. Few lines are fans.

- a) None of these
- b) Only I and II follow
- c) Only II and IV follow
- d) Only III and IV follow
- e) Only I, II and IV follow

10. Statements: Few cars are weights. Every weights are steels. Few steels are coppers. Every coppers are bands.

Conclusions:

- I. Few bands are cars.
- II. Few weights are bands.
- III. Few coppers are cars.
- IV. Few steels are cars.
- a) Only I and III follow
- b) Only I and II follow
- c) Only IV follows
- d) Only II and IV follow

26. Statements: All Ganga are Yamuna. Some Krishna are Yamuna. Some Krishna are not Cauvery. No Tapti is Yamuna.

Conclusions:

- I. Some Krishna which are Yamuna are also Cauvery is a possibility.
- II. Some Tapti are not Ganga.
- III. Every Ganga are Cauvery
- IV. Some Yamuna which are Ganga are also Cauvery is a possibility
- a) Only I and III are follow
- b) Only I, II and IV are follow
- c) Only II and IV are follow
- d) Only I is follows
- e) Only I and either II or IV follow

27. Statements: Some January are February. All January are April. All February are March. No March is June. Some January are May.

Conclusion:

- I. Some January which are May are also April
- II. Some April which are February are also June is a possibility
- III. Some May which are March are also April
- IV. All February are April is a possibility
- a) Only II and III are follows
- b) Only I and IV are follows
- c) Only I and III are follows
- d) Only II follows
- e) Only III follows

28. Statements:

All monkey are rat.

Some rat are lion.

No lion is a dog.

All tigers are dogs.

Conclusions:

I. All monkey can never be tigers.

II. All rats can never be dogs.

- a) Only I follows
- b) Only II follows
- c) Either I or II follows
- d) Neither I nor II follow
- e) Both I and II follow

29. Statements: No star is a galaxy. All galaxies are planets.
All stars are moons.

Conclusions:

- I. Some moons if they are galaxies must be planets
- II. Some stars which are planets may also be galaxies.
- 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 conclusions I and II follows

30. Statements: Some January are February. All January are April. All February are March. No March is June. Some January are May

Conclusion:

- I. Some February are not June
- II. No April is March
- III. All May are April
- IV. Some March are not May
- a) Only I and IV are follow
- b) Only I and III are follow
- c) Only I and II are follow
- d) Only II follows
- e) Only I follows

Answers:

Type I						Type II		Type III	
Q.No	Ans	Q.No	Ans	Q.No	Ans	Q.No	Ans	Q.No	Ans
1	D	16	B	31	E	1	E	1	E
2	B	17	E	32	b	2	A	2	A
3	B	18	C	33	A	3	B	3	E
4	D	19	E	34	B	4	B	4	E
5	D	20	A	35	D	5	A	5	B
6	D	21	D	36	A	6	E	6	D
7	B	22	E	37	D	7	E	7	E
8	D	23	B	38	A	8	B	8	B
9	A	24	D	39	C	9	B	9	A
10	A	25	E	40	A	10	B	10	C
11	D	26	A			11	E	11	B
12	D	27	A			12	E	12	B
13	D	28	D			13	B	13	B
14	E	29	B			14	C	14	A
15	E	30	C			15	C	15	E