

SYLLOGISM

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 even if they seem to be at variance from 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.

Give answer (b) if only Conclusion II follows.

Give answer (c) if either Conclusion I or conclusion II follows.

Give answer (d) if neither Conclusion I nor Conclusion II follows.

Give answer (e) if both Conclusions I and II follows.

1. Statements : All guavas are mangoes. Some mangoes are apples. No apple is pineapple."

Conclusions : I. Some pineapples are guavas.

II. No pineapple is guava.

2. Statements : Some hats are gloves. Some gloves are socks. All socks are shoes.

Conclusions : I. Some shoes are gloves.

II. Some socks are hats.

3. Statements : Some doors are rooms. All rooms are halls. All halls are auditoriums.

Conclusions: I. Some auditoriums are doors.

II. All rooms are auditoriums.

4. Statements : Some pens are sharpeners. All sharpeners are erasers. No eraser is ink.

Conclusions : I. Some pens are ink.

II. Some erasers are pens.

5. Statements: Some roads are rails. Some rails are rivers. Some rivers are oceans.

Conclusions : I. Some roads are rivers.

II. Some rails are oceans.

6. Statements : Some trees are flowers. All flowers are buds. All buds are fruits.

Conclusions : I. Some fruits are trees.

II. Some fruits are flowers.

7. Statements : All schools are buildings. All buildings are towers. All towers are rooms.

Conclusions : I. Some rooms are schools.

II. All towers are schools.

8. Statements : All pins are hammers. Some hammers are spoons. All spoons are plates.

Conclusions : I. Some spoons are pins.

II. Some plates are pins.

9. Statements : Some chairs are doors. Some doors are walls. Some walls are pens.

Conclusions : I. Some pens are doors.

II. No pen is door.

10. Statements : All dogs are monkeys. No monkey is goat. Some goats are horses.

Conclusions : I. Some horses are dogs.'

II. Some goats are dogs.

11. Statements : Some books are rods. Some rods are desks. All desks are tables.

Conclusions : I. Some desks are books.

II. Some tables are rods.

12. Statements : All stars are suns. Some suns are planets. All planets are satellites.

Concessions : I. Some satellite are stars.

II. No star is a satellite.

13. Statements : All curtains are rods. Some rods are sheets, some sheets are pillows.

Conclusions : I. Some pillows are rods.

II. Some rods are curtains.

14. Statements.: All switches are plugs. Some, plugs are bulbs. All bulbs are sockets.

Conclusions : I. Some sockets are plugs.

II. Some plugs are switches.

15. Statements : All fishes are birds. All birds are rats. All rats are cows.

Conclusions : I. All birds are cows.

II. All rats are fishes.

16. Statements : Some walls are windows. Some windows are doors. All doors are roofs.

Conclusions : I. Some doors are walls,

II. No roof is a window.

17. Statements : All pens are papers. Some papers are blades. All blades are knives.

Conclusions : I. Some knives are papers.

II. Some blades are pens

18. Statements : All fans are televisions. Some televisions are channels. Some channels are radios.

Conclusions : I. Some fan are channels.

II. Some radios are televisions.

19. Statements : Some roots are stems. All stems are branches. All branches are leaves.

Conclusions : I. Some leaves are roots.
II. Some branches are stems.

20. Statements : Some computers are machines. Some machines are boards. All boards are chalks.

Conclusions: I. Some chalks are computers.
II. No chalk is computer.

21. Statements : Some locks are keys. All keys are metals. Some metals are cards.

Conclusions : I. Some cards are keys.
II. Some metals are lock

22. Statements : No pen is a mobile. Some mobiles are bottles. All bottles are papers.

Conclusions : I. Some papers are pens.
II. All bottles are pens.

23. Statements : All computers are radios. All radios are televisions. Some televisions are watches.

Conclusions : I. Some watches are computers.
II. Some televisions are computers.

24. Statements: Some desks are chairs. Some chairs are doors. Some doors are walls.

Conclusions : I. Some walls are chairs.
II. No chair is a wall.

25. Statements : All stars are fishes. Some fishes are moons. All moons are birds.

Conclusions : I. Some birds are fishes.
II. Some stars are moons.

26. Statements : All leaves are roots. All stems are roots. All roots are flowers.

Conclusions : I. Some flowers are stems.
II. Some flowers are leaves.

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 from commonly known facts. Read all the Conclusions and then decide which of the given Conclusions logically follows from the three given Statements disregarding commonly known facts.

- 27. Statements : Some trees are branches. All buds are branches. All flowers are trees.**

Conclusions : I. Some branches are buds.

II. Some trees are flowers.

III. Some buds are trees.

- (a) Only I follows
(b) Only II follows
(c) Only I and II follows
(d) All follow
(e) None of these

- 28. Statements : All actors are writers. Some writers are dancers. All poets are writers.**

Conclusions : I. All actors are poets.

II. Some dancers are writers.

III. Some dancers are actors.

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

- 29. Statements : Some pots are eatables. All eatables are drinks. No banana is pot.**

Conclusions : I. Some pots are drinks.

II. All eatables are pots.

III. Some drinks are eatables.

- (a) Only I follows
(b) Only III follows
(c) Only II follows
(d) Only I and III follows
(e) None of these

- 30. Statements: All jewels are rings. Some rings are Necklaces. Some cakes are jewels.**

Conclusions : I. Some necklaces are jewels.

II. Some rings are cakes.

III. No jewel is necklace.

- (a) Only II and either I or III follow
(b) Only either I or III follows
(c) Only II and III follow
(d) Only II follow
(e) None of these

- 31. Statements : All houses are windows. All roads are windows. All toys are windows.**

Conclusions : I. Some toys are houses.

II. Some roads are houses.

III. Some roads are toys.

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

- 32. Statements : All chairs are fruits. No fruit is nail. Some nails are hammers.**
Conclusions : I. Some hammers are fruits.
II. Some nails are fruits.
III. Some fruits are chairs
 (a) Only I follows
 (b) Only III follows
 (c) Only II follows
 (d) Only II and III follow
 (e) None of these
- 33. Statements : All benches are rivers. All rivers are ponds. Some ponds are hills.**
Conclusions : I. Some ponds are benches.
II. Some hills are benches.
III. Some rivers are benches.
 (a) Only I and II follow
 (b) Only I and III follow
 (c) Only II and III follow
 (d) All I, II and III follow
 (e) None of these
- 34. Statements : Some rings are bangles. Some bangles are beads. Some beads are flowers.**
Conclusions : I. Some flowers are rings.
II. Some flowers are bangles.
III. No ring is flower.
 (a) Only I follow
 (b) Only II follows
 (c) Only III follows
 (d) Only either I or III follows
 (e) None of these
- 35. Statements : Some bats are dogs. All dogs are tigers. Some tigers are rats.**
Conclusions : I. Some rats are bats.
II. All tigers are bats.
III. Some rats are dogs.
 (a) None follows
 (b) Only I and II follow
 (c) Only II and III follow
 (d) Only I and III follow
 (e) All I, II and III follow
- 36. Statements : Some chairs are pens. All pens are books. Some books are walls.**
Conclusions : I. Some walls are pens.
II. Some books are chairs.
III. Some walls are chairs.
 (a) None follows

- (b) Only I follows
 (c) Only II follows
 (d) Only I and II follow
 (e) Only II and III follow

- 37. Statements : All pins are rods. Some rods are chains. All chains are hammers.**
Conclusions : I. Some pins are hammers
II. Some hammers are rods.
III. No pin is hammer.
 (a) Only I follows
 (b) Only II follows
 (c) Only III follows
 (d) Only either I or III and II follow
 (e) None of these
- 38. Statements : Some books are papers. Some papers are desks. Some desks are chairs.**
Conclusions: I. Some books are desks.
II. Some papers are chairs.
III. Some books are chairs.
 (a) None follows
 (b) Only I follows
 (c) Only II follows
 (d) Only III follows
 (e) Only I and II follow
- 39. Statements : Some pots are buckets. All buckets are tubs. All tubs are drums.**
Conclusions : I. Some drums are pots.
II. All tubs are buckets.
III. Some drums are buckets.
 (a) Only I and II follow
 (b) Only I and III follow
 (c) Only II and III follow
 (d) All follow
 (e) None of these
- 40. Statements : All pins are bags. All chalks are bags. All needles are bags.**
Conclusions : I. Some needles are pins.
II. Some chalks are needles.
III. No needle is pin.
 (a) Only I follows
 (b) Only III follows
 (c) Only either I or III follows
 (d) Only either I or III and II follow
 (e) None of these

41. Statements : Some buses are trucks. Some trucks are boats. No boat is jeep.

Conclusions : I. Some jeeps are buses.

II. Some boats are buses.

III. Some jeeps are trucks.

- (a) None follows
- (b) Only I follows
- (c) Only II follow
- (d) Only III follows
- (e) Only II and III follow

42. Statements : All flowers are trees. All trees are jungles. No jungle is hill.

Conclusions : I. No flower is hill.

II. No tree is hill.

III. Some jungles are flowers.

- (a) None follows
- (b) Only 1 and II follow
- (c) Only I and III follow
- (d) Only II and III follow
- (e) All follow

43. Statements : All tables are sofas. All sofas are beds. All beds are mats.

Conclusions : I. Some mats are sofas.

II. Some beds are tables

III. Some mats are tables.

- (a) Only I and II follow
- (b) Only II follows
- (c) Only II and III follows
- (d) Only I and III follow
- (e) All follow

44. Statements : All pens are books. All books are chairs. Some chairs are desks. Some desks are tables.

Conclusions : I. Some tables are chairs.

II. Some desks are pens.

II. Some chairs are pens.

IV. All pens are chairs.

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

45. Statements : Some trains are buses. Some buses are trucks. Some trucks are boats. Some boats are cars.

Conclusions : I. Some trucks are trains.

II. Some cars are trucks.

III. Some boats are buses.

IV. Some boats are trains.

- (a) None follows
- (b) Only I and II follow
- (c) Only III follows
- (d) Only IV follows
- (e) Only III and IV follow

46. Statements : Some chains are bangles. Some bangles are rings. All rings are types. All types are tables.

Conclusions : I. Some tables are bangles.

II. Some types are bangles.

III. Some tables are chains.

IV. Some types are chains.

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

47. Statements : All hills are roads. All roads are stones. All stones are jungles. All jungles are rivers.

Conclusions : I. Some rivers are stones

II. Some jungles are hills.

III. Some stones are hills.

IV. All rivers are jungles.

- (a) Only I and II follow
- (b) Only II and III follow
- (c) Only I, II and III follow
- (d) Only II, III and IV follow
- (e) All follow

48. Statements : All needles are threads. Some threads are clothes. No cloth is room. All rooms are houses. Conclusions : I. Some houses are needles.

II. Some rooms are threads.

III. No houses is needle.

IV. Some clothes are needles.

- (a) Only I follows
- (b) Only III follows
- (c) Only either I or III follows
- (d) Only IV follows
- (e) None of these

49. Statements : Some bags are toys. All toys are curtains. Some curtains are walls. All walls are roofs.

Conclusions : I. Some roofs are curtains.

II. Some walls are toys.

III. Some walls are bags.

IV. Some curtains are bags.

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

- 50. Statements : Some leaves are flowers. No flower is fruit. Some fruits are branches. Some branches are stems.**

Conclusions : I. Some leaves are stems.

II. All leaves are either stem or fruits.

III. All stems are either branches or fruits.

- (a) Only I follow
- (b) Only II & III follow
- (c) Only III follows
- (d) All follow
- (e) None follows

- 51. Statements: All lions are tigers. All tigers are leopards. Some leopards are wolves. No wolf is elephant.**

Conclusions : I. No elephant is lion.

II. Some wolves are lions.

III. Some leopards are lions.

- (a) Only I follows
- (b) Only II follows
- (c) Only II follow
- (d) Only I & III follow
- (e) All follow

- 52. Statements : Some caps are umbrellas. Some umbrellas are raincoats. All raincoats are trousers. All trousers are jackets.**

Conclusions : I. Some raincoats are caps.

II. Some trousers are umbrellas.

III. All raincoats are jackets.

- (a) None follows
- (b) Only I & II follow
- (c) Only II & III follow
- (d) Only I & III follow
- (e) None of these

- 53. Statements : Some fans are coolers. Some coolers are machines. Some machines are computers. All**

computers are televisions.

Conclusions : I. Some televisions are machines.

II. Some machines are fans

III. No machines is fan.

- (a) None follows
- (b) Only I follows
- (c) Only either II or III follows
- (d) Only I and either II or III follow
- (e) All follow

- 54. Statements : All keys are staplers. All stapler are blades. Some blades are erasers. Some erasers are sharpeners.**

Conclusions : Some sharpeners are keys.

II. All keys are blades.

III. Some erasers are keys.

- (a) Only I and II follow
- (b) Only I follows
- (c) Only II follows
- (d) All follow
- (e) None of these

Answers

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|---------|---------|---------|---------|
| 1. (c) | 16. (d) | 31. (e) | 46. (b) |
| 2. (a) | 17. (a) | 32. (b) | 47. (c) |
| 3. (e) | 18. (d) | 33. (b) | 48. (c) |
| 4. (b) | 19. (e) | 34. (d) | 49. (e) |
| 5. (d) | 20. (c) | 35. (a) | 50. (e) |
| 6. (e) | 21. (b) | 36. (c) | 51. (c) |
| 7. (a) | 22. (d) | 37. (d) | 52. (c) |
| 8. (d) | 23. (b) | 38. (a) | 53. (d) |
| 9. (c) | 24. (c) | 39. (b) | 54. (c) |
| 10. (d) | 25. (a) | 40. (c) | |
| 11. (b) | 26. (c) | 41. (a) | |
| 12. (c) | 27. (c) | 42. (e) | |
| 13. (b) | 28. (e) | 43. (e) | |
| 14. (e) | 29. (d) | 44. (d) | |
| 15. (a) | 30. (a) | 45. (a) | |