8. SYLLOGISM

Direction: (1-2): In each group of questions, below are four statements followed by three conclusion numbered I and II. You have to take the four given statements to be true even if they seem to be at variance from commonly known facts and then decided which of the given conclusion logically follows from the three 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 conclusion II follows.

(D) If neither conclusion I nor conclusion II follows.

(E) If both conclusion I and conclusion II follow.

1. **Statements:**

   Some stars are moons.

   All moons are planets.

   No planet is universe

   Conclusion:

   I. All moons being stars is a possibility

   II. No universe is star.

2. **Statements:**

   Some stars are moons.

   All moons are planets.

   No planet is universe

   Conclusion:

   I. At least some planets are stars.

   II. No moon is universe.

Direction: (3-5): In each group of questions, below are two/three statements followed by three conclusion numbered I and II. You have to take the two/three given statements to be true even if they seem to be at variance from commonly known facts and then decided which of the given conclusion 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 conclusion II follows.

(D) If neither conclusion I nor conclusion II follows.

(E) If both conclusion I and conclusion II follow.

3. **Statements:**

   All gliders are parachutes.

   No parachute is an airplane.

   All airplanes are helicopters.

   Conclusion:

   I. No helicopter is a glider.

   II. All parachutes being helicopters is a possibility

4. **Statements:**

   All gliders are parachutes.

   No parachute is an airplane.

   All airplanes are helicopters.

   Conclusion:

   I. No glider is an airplane

   II. All gliders being helicopters is a possibility

5. **Statements:**

   No bank is a school.

   Some schools are colleges.

   Conclusion:

   I. Some colleges are definitely not schools

   II. All banks being colleges is a possibility

Direction: (6-7): In each question /group of questions below are two/three statements followed by two conclusions numbered I and II. You have to take the two/three given statements to be true even if they seen to be at variance from commonly known facts and then decide which of the given conclusion logically follows from the given statements disregarding commonly known facts.

6. **Statements:**

   All beans are pulses.

   All pulses are crops.

   No crop is seed.

   Conclusion

   I. All crops are pulses

   II. All beans are crops

   (A) Only Conclusion II follows

   (B) Neither Conclusion I nor Conclusion II follows.

   (C) Either Conclusion I or Conclusion II follows

   (D) Only Conclusion I follow

   (E) Both Conclusion I and Conclusion II follow

7. **Statements:**

   No fruit is vegetable.

   All potatoes are vegetables.

   Some fruits are apples.

Conclusions

I. Some apples are potatoes

II. Some potatoes being fruits is a possibility

(A) Both Conclusion I and Conclusion II follow.

(B) Only Conclusion II follows

(C) Either Conclusion I or conclusion II follows

(D) Only Conclusion I follows

(E) Neither Conclusion I and Conclusion II follows

Direction (8-12): In each of the question below are given four statements followed by four conclusion numbered I, II, III and IV. You have to assume everything in the statement to be true even if they seem to be at variance from commonly known facts and then decide which of the four given conclusion logically follows from the statements disregarding commonly known facts and select the appropriate answer.

8. **Statement:**

   Some numbers are digits.

   All digits are alphabets.

   No alphabet is a vowel.

   All consonants are vowels.

   Conclusion:

   I. No digit is a vowel

   II. No alphabet is a consonant

   III. No vowel is number

   IV. All vowels are numbers

   (A) Only I and III follow

   (B) Only II and IV follow

   (C) Only I and II follow

   (D) Only I, II and III follow

   (E) Only I, II and either III or IV follow

9. **Statement:**

   All documents are files.

   Some files are papers.

   All papers are certificates.

   No certificate is a manuscript.

   Conclusion:

   I. At least some documents are papers

   II. No manuscript is a document.

   III. At least some certificates are files

   IV. No paper is a document

   (A) Only I, II and IV follow

   (B) Only II and III follow

   (C) Only I and IV follow

   (D) Only III follows

   (E) None of these

10. **Statement:**

    No group is people.

    All people are animals.

    All animals are plants.

    All plants are roots.

    Conclusion:

    I. No group is a plant

    II. All people are plants

    III. At least some groups are plants

    IV. All plants are groups

    (A) Only II follows

    (B) Only I and IV follow

    (C) Only II and III follow

    (D) Only III and IV follow

    (E) None of these

11. **Statements**:

    Some jobs are vacancies.

    All jobs are works.

    No work is a trade.

    All professions are trades.

    Conclusions:

    I. At least some works are jobs

    II. No vacancy is a trade

    III. No profession is a work

    IV. All profession are trades

    (A) All I, II, III and IV follow

    (B) Only II, III and IV follow

    (C) Only I and IV follow

    (D) None follows

    (E) Only I, II and III follow

12. **Statements:**

    All marks are grades.

    No grade s a score.

    All letters are scores.

    All scores are characters.

    Conclusion:

    I. At least some letters are grades

    II. At least some scores are grades

    III. At least some characters are marks

    IV. Some characters are letters.

    (A) Only II and IV follow

    (B) Only IV follows

    (C) Only I and III follow

    (D) All I, II, III and IV known

    (E) None follows

Direction (13-15): In each of the question below are given three statements followed by four conclusion numbered I, II, III and IV. You have to assume everything in the statement to be true even if they seem to be at variance from commonly known facts.

Read all the conclusion and then decide which of the four given conclusion logically follows from the statements disregarding commonly known facts.

13. Statements:
All jungles are buses.
All books are buses.
All fruits are books.
Conclusion:
I. Some fruits are jungles.
II. Some buses are books.
III. Some buses are jungles.
IV. All fruits are buses
(A) All follow.
(B) Only II, III and IV follow.
(C) Only I, II and III follow
(D) Only I, II and IV follow
(E) None of these

14. Statements:
Some pens are rooms.
Some rooms are cats.
Some cats are windows
Conclusions:
I. Some Windows are rooms
II. Some cats are pens.
III. Some pens are windows.
IV. Some pens are cats
(A) All follow
(B) Only I follow
(C) Only III follow
(D) Only II follow
(E) None of these

15. Statements:
Some books are pens
All pens are chairs.
Some chairs are tables
Conclusion:
I. Some books are chairs
II. Some chairs are books
III. All tables are chairs
IV. Some tables are Chairs
(A) All follow
(B) Only I, II and III follow
(C) Only I, II and IV follow
(D) Only II, III and IV follow
(E) None of these

Direction: (16-19) In each group of questions, below are four statements followed by three conclusion numbered I and II. You have to assume all the statements to be true even if they seem to be at variance from the commonly known facts and then decide which of the given two conclusions logically follows from the information given in the statements.

Give answer
(A) If only conclusion I follows.
(B) If only conclusion II follow.
(C) If either I or II follows.
(D) If neither I nor II follows.
(E) If both I and II follow.

16. Statements:
Some squares are circles.
No circle is a triangle.
No line is a square
Conclusion
I. All squares can never be triangles.
II. Some lines are circles

17. Statements:
Some squares are circles.
No circle is a triangle.
No line is a square.
Conclusion:
I. No triangle is a square
II. No line is a circle

18. Statements:
All songs are poems.
All poems are rhymes.
No rhyme is paragraph
Conclusion:
I. No song is a paragraph
II. No poem is a paragraph

19. Statements:
All songs are poems.
All poems are rhymes.
No rhyme is paragraph
Conclusion
I. All rhymes are poems
II. All songs are rhymes

Direction: (20-24): In each group of questions, below are two/three statements followed by two conclusions numbered I and II. You have to take the two/three given statements to be true even commonly known facts 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 follow.

(C) If either conclusion II follows.

(D) If neither conclusion I nor conclusion II follows.

(E) If both conclusion I and conclusion II follow.

20. **Statements:**

No paper is book

Some books are libraries.

Conclusions:

I. All libraries being books is a possibility.

II. No library is paper.

21. **Statement:**

All hills are mountains.

All mountains are rocks.

Conclusions:

I. All those rocks which are mountains are also hills.

II. All hills are rocks.

For (22-23):

Statements:

All classes are diamonds.

No diamond is store.

All rooms are classes.

23. **Conclusions:**

I. All rooms are diamonds.

II. At least some diamonds are classes.

23. **Conclusions:**

I. Some stores are classes.

II. No room is a store.

24. **Statements:**

Some prizes are winners.

All winners are students.

Conclusions:

I. At least some winners are prizes.

II. At least some students are winners.

Directions (25-28): In each of the following questions two statements followed by four conclusions numbered I, II, III and IV are given. You have to take the two 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 statements.

25. **Statements:**

All aeroplanes are trains.

Some trains are chairs.

Conclusions:

I. Some Aeroplanes are chairs.

II. Some chairs are Aeroplanes.

III. Some chairs are trains.

IV. Some trains are Aeroplanes.

(A) Only either I and II follows.

(B) Only II and III follow

(C) Only III and IV follows

(D) None follows

(E) None of these

26. **Statement:**

All branches are flowers.   All flowers are leaves.

Conclusions:

I. All branches are leaves.

II. All leaves are branches.

III. All flowers are branches.

IV. Some leaves are branches.

(A) Only II and III follow

(B) Only I and IV follow

(C) All follow

(D) None follows

(E) None of these

27. **Statements:**

Some houses are offices.

Some offices are schools.

Conclusions:

I. Some schools are houses.

II. Some offices are houses.

III. No house is school.

IV. Some schools are offices.

(A) Only II and III follow

(B) Only I and IV follow

(C) Only either III or IV and I follow

(D) Only II and IV and either I or III follow

(E) None of these

28. **Statements:**

Some newspapers are magazines.

All magazines are books.

Conclusions:

I. All books are magazines.

II. Some books are magazines.

III. Some books are newspapers.

IV. Some newspapers are books.

(A) Only I, II and III follow

(B) Only II, III and IV follow

(C) Only III and IV follow

(D) None follows

(E) None of these

Directions (29-31): In each of the questions below are given some statements followed by three conclusions numbered I, II & 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.

29. Statements:
Some valley are goat.
Some goats are axe.
Some goats are old.
No old is intel.
Conclusions:
I. Some axe are old.
II. No axe are old.
III. No intel is goat.
(A) None follows
(B) Only I follows
(C) Only II follows
(D) Only III follows
(E) Only either I or II follows

30. Statements:
Some breezes are winds.
No tree is breeze.
Some tidy are not trees.
Conclusions:
I. At least some tidy are breeze.
II. All winds being trees is a possibility.
III. All tidy are trees is a possibility.
IV. Some winds are definitely tidy.
(A) All follow
(B) None follows
(C) II follow
(D) III and IV follow
(E) I and III follow

31. Statements:
Some chameleons are sparrows.
Some sparrows are not Goats.
No goats is Elephants.
Conclusions:
I. Some elephants are chameleon.
II. Some elephants are sparrows.
III. Some goats are chameleon.
IV. No elephant is chameleon.
(A) None follows
(B) Only either II or IV follows
(C) Only either I or IV and II follow
(D) Only either I or III and IV follow
(E) None of these

Directions (32-33): Each of the following question consists of five statements followed by five conclusions. Consider 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 does not logically follow from the given statements using all statements together.

32. Statements:
All bakery are cake.
Some cake are kitkat.
No kitkat are harmful.
Some harmful are yummy.
All yummy are tasty.
Conclusions:
(A) Some tasty are harmful.
(B) All bakery being kitkat is a possibility.
(C) Some cake is not harmful.
(D) All cake being bakery is a possibility
(E) All bakery being cake is a possibility.

33. Statements:
Some funny are hunny.
No hunny is wunny.
All wunny is sunny.
Some sunny is tunny.
All tunny is bunny.
Conclusions:
(A) All sunny being wunny is a possibility.
(B) All bunny being wunny is a possibility.
(C) All tunny being wunny is a possibility.
(D) All wunny being sunny is a possibility.
(E) All funny being sunny is a possibility.

Directions (34-35): In each question below some statements are given which are followed by some 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 and then decide which of the given conclusion definitely logically does not follow from the given statements, disregarding commonly known facts. Give answer –

34. Statements:
All buds are doctor.
All doctors are couch.
No couch is a camera.
No camera is a light.

Conclusions:

I. At least some couch are buds.

II. All lights are camera.

III. All couch being light is a possibility

IV. At least some buds are camera.

V. All lights being buds is a possibility.

(A) Only 1 does not follow

(B) Only 2 does not follow

(C) Only 3 and 5 does not follow

(D) Only 2 and 4 does not follow

(E) Only 1 and 3 does not follow

35. Statement:

Some roll are bread.

Some bread are yolk.

All yolk are pulses.

No pulses is berry.

Conclusion:

I. No berry is yolk.

II. Some bread are pulses.

III. Some berry are roll.

IV. No berry is roll.

(A) Only I and II follow

(B) Only either III or IV follows

(C) Only I and either III or IV follow

(D) Only I, II and either III or IV follow

(E) None of these

Directions (36-38): In each group of questions below are two or three conclusions followed by five statements. You have to choose the correct set of statements that logically satisfies given conclusions.

36. Conclusions:

I. Some Anti's are Bulky.

II. At least some Organs are Genes.

III. All Organ being Anti is a possibility.

Statements:

I. Some Genes are Organ. Some Organs are Bulky. Some Bulky's are Anti. All Organs are Junky.

II. Some Genes are Bulky. Some Bulky's are Organ. Some Organs are Anti. No Gene is Junky.

III. All Genes are Organ. Some Organs are Junky. All Anti's are Junky. No Bulky is Junky.

IV. All Genes are Organ. All Organ are Bulky. No Bulky is Anti. Some Junky are Bulky.

V. Some Genes are Organ. Some Organ are Bulky. No Junky is Anti. All Bulky are Junky.

(A) Only statement I

(B) Only statement II

(C) Only statement III

(D) Only statement IV

(E) Only statement V

37. Conclusions:

I. All tea being cereals is a possibility.

II. No tea is a plate.

III. Some ginger are tea.

Statements:

I. At least some tea are spunch. No spunch is a plate. No tea is a cereal.

II. All tea are spunch. No spunch is a plate. All plate are cereals. All spunch are ginger.

III. At least some tea are spunch. All tea are plate. No tea is a cereal.

IV. All tea are spunch. No spunch is a plate. All tea are ginger. No spunch is a cereal.

V. Some tea are spunch. All tea are ginger. Some ginger are plate. All plate are cereal.

(A) Only statement I

(B) Only statement II

(C) Only statement III

(D) Only statement IV

(E) Only statement V

38. Conclusions:

I. All flow being lamp is a possibility.

II. No flow is a candy.

III. Some remedy are flow.

Statements:

I. At least some flow are pulses. No pulse is a candy. No flow is lamp.

II. All flows are pulse. No pulse is a candy. All candy are lamp. All pulse are remedy.

III. At least some flow are pulse. All flow are candy. No flow is lamp.

IV. All flow are pulse. No pulse is a candy. All flow are remedy. No pulse is lamp.

V. Some flow are pulse. All flow are remedy. Some remedy are candy. All candy are lamp.

(A) Only statement I

(B) Only statement II

(C) Only statement III

(D) Only statement IV

(E) Only statement V

39. Conclusions:

All rich is weak is a possibility. Some younger is boost is a possibility.

Statements:

(A) All weak is boost. All boost is rich. Some rich is older. All older is younger. Some younger is green.

(B) All weak is older. Some older is rich. All rich is boost. Some boost is younger. All younger is green.

(C) All weak is green. Some green is rich. All rich is boost. Some boost is older. All older is younger.

(D) All weak is younger. Some younger is rich. All rich is boost. Some boost is older. All older is green.

(E) None of these.

40. Conclusions: Some mayank is not dumb. Some taller is mayank.

Statements:

(A) All taller is baller. Some baller is chamber. No chamber is mayank. All mayank is glamour. All glamour is dumb.

(B) Some taller is mayank. All mayank is dumb. No dumb is glamour. All baller is glamour. Some glamour is chamber.

(C) Some taller is chamber. All chamber is mayank. Some mayank is glamour. No glamour is dumb.

(D) Some taller is glamour. All glamour is dumb. No dumb is chamber. All baller is chamber. Some chamber is mayank.

(E) None of these.

41. Conclusions: All rich is weak is a possibility. Some younger is boost is a possibility.

Statements:

(A) All weak is boost. All boost is rich. Some rich is older. All older is younger. Some younger is green.

(B) All weak is older. Some older is rich. All rich is boost. Some boost is younger. All younger is green.

(C) All weak is green. Some green is rich. All rich is boost. Some boost is older. All older is younger.

(D) All weak is younger. Some younger is rich. All rich is boost. Some boost is older. All older is green.

(E) None of these.

42. Conclusions: Some mayank is not dumb. Some taller is mayank.

Statements:

(A) All taller is baller. Some baller is chamber. No chamber is mayank. All mayank is glamour. All glamour is dumb.

(B) Some taller is mayank. All mayank is dumb. No dumb is glamour. All baller is glamour. Some glamour is chamber.

(C) Some taller is chamber. All chamber is mayank. Some mayank is glamour. No glamour is dumb.

(D) Some taller is glamour. All glamour is dumb. No dumb is chamber. All baller is chamber. Some chamber is mayank.

(E) None of these.

Direction (43-45): In the question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be in variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

43. Statement:

All quintal is Uniform.

Only few Uniform is neptune.

Only few neptune is Zeology.

No zeology is planet.

Conclusions:

I. Some planet not being zeology is a possibility.

II. Some quintal is planet.

III. Some uniform being neptune is a possibility.

(A) Only conclusion II follows.

(B) Both conclusion I and II follow.

(C) Only conclusion III follows.

(D) Both conclusion II and III follow.

(E) None of the above.

44. Statement:

Some bricks are fires.

Only few fire is fevicol.

No fevicol is telecom.

All telecom is marble.

Conclusion:

I. Some fire is not marble.

II. Some marble being fevicol is a possibility.

III. Some telecom is bricks.

(A) Only conclusion II follows.

(B) Both conclusion I and II follow.

(C) Only conclusion III follows.

(D) Both conclusion II and III follow.

(E) None of the above.

45. Statement:

Only Maharashtra is Andhra Pradesh.

No Ooty is Goa.

Some Goa is Gujarat.

Some Gujarat is Maharashtra.

Conclusion:

I. Some Andhra Pradesh being Maharashtra is a posssibility.

II. Some Goa is Maharashtra.

III. Some Maharashtra being Ooty is a possibility.

(A) Only conclusion II follows.

(B) Both conclusion I and II follow.

(C) Only conclusion III follows.

(D) Both conclusion II and III follow.

(E) None of the above.