

LOGICAL DEDUCTIONS/ SYLLOGISMS

1. Statements: All pens are books Some pencils are pens

Conclusions: 1. some books are pencils 2. Some pencils are books 3. All pens are pencils 4. None

A. 1 B. 2 C. 3 D. 4

2. Statements: All pens are books No pencils are books

Conclusion: 1. All books are pencils 2. All pencils are books 3. Some pencils are books 4. None

B. 1 B. 2 C. 3 D. 4

3. Statements: No mat is pot All pots are bats

Conclusion: 1. No mats are bats 2. No bats are mats 3. Some bats are mats 4. Some bats are not mats

C. 1 B. 2 C. 3 D. 4

4. Statements: Some tables are trees Some trees are flowers All flowers are jungles

Conclusion: 1. Some jungles are tables 2. Some trees are jungles
3. Some flowers are tables 4. All jungles are flowers

A.) Only 2 follows B.) Only 1 and 2 follows C.) Only 3 follows D.) None of these

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

Conclusions: 1. some cots are candles 2. Some candles are cots

A.) If only conclusion 1 follows B.) If only conclusion 2 follows
C.) If either conclusion 1 or 2 follows D.) If neither conclusion 1 nor 2 follows

6. Statements: All dogs are cats. No cat is a cow

Conclusion: 1. No dogs are cows 2. No cows are dogs
3. Some cows are dogs 4. None of these

A. None follow B. Only 1 & 2 follow C. Only 2 & 3 follow D. Only 4 follow

7. Statements: Some roads are ponds All ponds are stores Some stores are bags

Conclusion: Some bags are ponds Some stores are roads

A.) If only conclusion 1 follows B.) If only conclusion 2 follows
C.) If either conclusion 1 or 2 follows D.) If both conclusions 1 and 2 follows

8. Statements: All balls are wickets No wicket is bat Some bats are wickets

Conclusion: 1. some bats are balls 2. All balls are wickets
3. Some wickets are balls 4. No bat is ball

- A.) Only conclusion 1
B.) Only conclusion 3
C.) If neither conclusion 1 nor 4 and 3
D.) None

9. Statements: Some pigs are dogs No cow is goat Some goats are nets

Conclusion: 1. some pigs are cows 2. Some nets are cows
3. Some nets are pigs 4. Some dogs are either pigs or nets

- A.) Only 1 follows B.) Only 2 follows C.) Only 1 & 2 D.) 2 and 4 follows

10. Statements: All flowers are fruits All trees are leaves Some fruits are leaves

Conclusion: 1. Some trees are fruits 2. Some leaves are flowers

3. Some trees are flowers 4. No Flower is leave

- A.) Only 1 follows B.) Only either 2 or 4 follows C.) Only 3 follows D.) Only 1, 2 and 3 follows

11. Statements: All rooms are boxes All doors are boxes Some boxes are boards

Conclusion:

1. All rooms are boards	2. All doors are boards
3. Some boards are rooms	4. Some boards are doors

- A.) Only 1 and 2 follow B.) Bill's Law C.) Only 3 and 4 follow D.) All follow

12. Statements: All shirts are chairs Some chairs are rats All rats are pens.

Conclusion:

1. Some pens are shirts	2. Some pens are chairs
3. Some rats are shirts	4. No pen is shirt

- A.) None follows
B.) Only either 1 or 4 follows
C.) Only either 1 or 4 and 2 follow
D.) Only either 1 or 4 and 3 follow

13. Statements: Some sweets are chocolates Some chocolates are mints

Some mints are food Some food is diet.

Conclusion: 1. No sweets are diet

2. No food is chocolates

3. Some sweets are diet

4. Some sweets are food

A.) None follows

B.) Only 1 and 3 follows

C.) Only 2 and 4 follows

D.) Only 2 and 3 follows

14. Statements: Some roses are flowers
All buds are leaves

Some flowers are buds
All leaves are plants

Conclusion: 1. Some plants are flowers

2. Some roses are buds

3. No leaves are roses

4. No roses are buds

A.) Only 1 follows

B.) Only 1 and 2 follow

C.) Only 1 and either 2 or 4 follow

D.) Only either 2 or 4 follows

15. Statements: All rods are bricks

Some bricks are ropes

All ropes are doors

Conclusion: 1. Some rods are doors

2. Some doors are bricks

3. Some rods are not doors

4. All doors are ropes

A.) Only 1 and 2 follows

B.) Only 1,2 and 3 follows

C.) Only either 1 or 3 and 2 follow

D.) Only either 1 or 3 and 4 follow

16. Statements: All rooms are books

Some books are not rooms

Conclusion: 1. All rooms are books

2. All rooms are not books

3. Some books are not rooms

4. None of these

A.) None follow

B.) Only 1 and 2 follow

C.) Only 2 and 3 follow

D.) Only 4 follow

17. Statements: All boys are girls

Some girls are students

All students are healthy

Conclusion: 1. Some healthy people are boys

2. Some healthy people are girls

3. Some students are boys

4. No healthy people are boys

A.) None follows

B.) Only either 1 or 4 follows

B.) C.) Only either 1 or 4 and 2 follow

D.) Only either 1 or 4 and 3 follow

18. Statements: Some birds are nightingales

Many birds sing

Conclusion: 1. Many nightgales sing

2. No bird is a nightgales

3. Some birds sing

4. 1,2,3 are all incorrect

A.) None follows

B.) Only 3 follows

C.) Only 2 and 4 follows

D.) Only 2 and 3 follows

19. Statements: All pens are books

All books are computers

Conclusion: 1. All pens are computers

2. Some pens are computers

3. Both 1 and 2

4. None of these

A.) Only 1 follows

B.) Only 1 and 2 follow

C.) Only 1 and either 2 or 4 follow

D.) Only either 2 or 4 follows

20. Statements: No rats are cats

All cats are tigers

Conclusion: 1. No rats are tigers

2. No tigers are rats

3. Some tigers are rats

4. Some tigers are not rats

A.) Only 1 and 2 follows

B.) Only 1, 2 and 3 follows

C.) Only either 1 or 3 and 2 follows

D.) Only 4 follows

21. Statements: All dogs are kings

All lions are kings

Conclusion: 1. All dogs are lions

2. All lions are dogs

3. Some lions are dogs

4. None of these

A.) None follow B.) Only 1 and 2 follow

C.) Only 2 and 3 follow

D.) Only 4 follow

22. Statements: All books are computers

Some books are pens

Conclusion: 1. All computers are pens

2. All pens are computers

3. Some computers are pens

4. None of these

A.) Only 3 follows

B.) Only either 1 or 4 follows

C.) Only either 1 or 4 and 2 follows

D.) Only either 1 or 4 and 3 follows

23. Statements: All books are computers

No books are pens

Conclusion: 1. Some books are not pens

2. Some pens are not computers

3. No computers are pens

4. None of these

A.) None follows B.) Only 1 follows C.) Only 1 and 3 follows D.) Only 2 and 3 follows

24. Statements: All pens are books

All books are computers

Conclusion: 1. All computers are pens

2. No computers are pens

3. All pens are computers

4. None of these

A.) Only 1 follows B.) Only 1 and 2 follow C.) Only 1 and either 2 or 4 follow D.) Only 3 follows

25. Statements: All books are computers

Some computers are not pens

Conclusion: 1. Some books are pens

2. Some books are not pens

3. Some pens are not books

4. None of these

A.) Only 1 follows B.) Only 1,2 and 3 follows C.) Only either 1 or 3 and 2 follows D.) Only 4 follows

26. Statements: Some students are drinkers

Some drinkers are careless

Conclusion: 1. Some students are careless

2. Some careless persons are drinkers

3. Some careless persons are students

4. 1 and 2 are correct

A.) None follow B.) Only 1 and 2 follow C.) Only 2 and 3 follow D.) Only 2 follow

27. Statements: All cars are lorries

All bikes are lorries

Conclusion: 1. All cars are bikes

2. All bikes are cars

3. Some cars are bikes

4. None of these

A.) Only either 1 or 4 and 3 follows B.) Only either 1 or 4 and 2 follows

C.) Only 4 follows D.) Only either 1 or 4 follows

28. Statements: All rats are cats

No rats are dogs

Conclusion: 1. No cats are dogs

2. Some cats are not dogs

3. Some cats are dogs

4. None of these

A.) All follows B.) Only 2 follows C.) Only 1 and 3 follows D.) Only 1 follows

29. Statements: All dogs are cows

No cows are cats

Conclusion: 1. No dogs are cats

2. All dogs are cats

3. Some dogs are cats

4. None of these

A.) Only 1 follows

B.) Only 1 and 2 follow

C.) Only 1 and either 2 or 4 follow

D.) Only 3 follows

30. Statements: Some parrots are pigeons

No pigeons are crows

Conclusion: 1. Some parrots are crows

2. Some parrots are not crows

3. Some crows are not parrots

4. None of these

A.) Only 1 follows

B.) Only 1,2 and 3 follows

C.) Only either 1 or 3 and 2 follows

D.) Only 1 and 2 follows

31. Statements: All parrots are sparrows

No sparrow is a crow

Conclusion: 1. No parrots are crows

2. No crows are parrots

3. Some crows are parrots

4. Some crows are sparrows

A.) None follow

B.) Only 1 and 2 follow

C.) Only 2 and 3 follow

D.) Only 2 follow

32. Statements: No sparrows are parrots

All parrots are birds

Conclusion: 1. No sparrows are birds

2. No birds are sparrows

3. Some birds are sparrows

4. Some birds are not sparrows

A.) Only either 1 or 4 follows

B.) Only either 1 or 4 and 2 follows

C.) Only either 1 or 4 and 3 follows

D.) Only 4 follows

33. Statements: Some trees are kites

All trees are bird

Conclusion: 1. Some birds are kites

2. All birds are kites

3. No birds are kites

4. Some birds are not kites

A.) None follows

B.) Only 1 follows

C.) Only 1 and 3 follows

D.) Only 2 follows

34. Statements: All books are pens

No pens are pencils

Conclusion: 1. Some books are not pencils

2. Some pencils are books

3. Both 1 and 2

4. Neither 1 nor 2

A.) Only 1 follows

B.) Only 1 and 2 follow

C.) Only 1 and either 2 or 4 follow

D.) Only 4 follows

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35. Statements: All parrots are pigeons

Some parrots are crows

Conclusion: 1. Some pigeons are crows

2. All pigeons are crows

3. Some crows are not parrots

4. None of these

A.) Only 1 follows

B.) Only 1,2 and 3 follows

C.) Only either 1 or 3 and 2 follows

D.) Only 1 and 2 follow

36. Statements: Some parrots are sparrows

All sparrows are crows

Conclusion: 1. All crows are sparrows

2. All doors are crows

3. Some parrots are crows

4. Some sparrows are crows

A.) None follow

B.) Only 1 and 2 follow

C.) Only 2 and 3 follow

D.) Only 4 follow

37. Statements: Some sparrows are parrots

No parrot is bird

Conclusion: 1. No parrots is sparrow

2. No sparrow is parrot

3. Some parrots are birds

4. Some sparrows are birds

A.) Only 3 follows

B.) Only either 1 or 4 follows

C.) Only either 1 or 4 and 2 follows

D.) None follows

38. Statements: All planets are stars

All stars are birds

Conclusion: 1. All stars are planets

2. All planets are birds

3. All birds are stars

4. Some birds are planets

A.) None follows

B.) Only 1 follows

C.) Only 2 and 4 follows

D.) Only 2 follows

39. Statements: Some books are pens

Some pens are pencils

Conclusion: 1. Some books are pencils

2. No book is pencil

3. All pencils are pens

4. All pens are books

A.) Only 1 follows

B.) Either 1 or 2 follow

C.) Only 1 and either 2 or 4 follow

D.) Only 4 follows

40. Statements: All parrots are pigeons

Some pigeons are crows

Conclusion: 1. Some crows are pigeons

2. Some pigeons are crows

3. Some parrots are crows

4. Some crows are not pigeons

A.) Only 1 follows

B.) Only 1,2 and 3 follows

C.) Only either 1 or 3 and 2 follows

D.) Only 1 and 2 follows

ANSWER KEY

1.B	2.C	3.D	4.A	5.D	6.B	7.D	8.C	9.B
10.B	11.D	12.C	13.B	14.C	15.C	16.D	17.C	18.B
19.B	20.D	21.D	22.A	23.B	24.D	25.D	26.D	27.D
28.A	29.A	30.A	31.B	32.D	33.B	34.D	35.A	36.D
37.E	38.C	39.B	40.D					