SYLLOCISM

SECTION A — EASY LEVEL (Q1–Q15)

Q1.
Statements:
All apples are fruits.
Some fruits are sweet.
No sweet thing is sour.
Conclusions:

1. Some apples are sweet.
2. All fruits are apples.
3. No apple is sour.
4. Some fruits are not sour.
5. Some sweets are not fruits.
6. All apples are sweet.
7. All sweets are fruits.

Q2.
Statements:
All cats are animals.
Some animals are pets.
Conclusions:

1. Some cats are pets.
2. All pets are cats.
3. Some animals are cats.
4. All animals are cats.
5. Some pets are not cats.
6. Some cats are not pets.
7. All cats are animals.

Q3.
Statements:
All pens are tools.
No tool is a toy.
Some toys are gifts.
Conclusions:

1. No pen is a toy.
2. Some pens are gifts.

3. Some gifts are toys.
4. Some gifts are tools.
5. All pens are gifts.
6. Some tools are pens.
7. No toy is a pen.

Q4.
Statements:
Some boys are students.
All students are humans.
Conclusions:

1. Some boys are humans.
2. All boys are humans.
3. All humans are boys.
4. Some humans are students.
5. Some students are boys.
6. All humans are students.
7. Some humans are not boys.

Q5.
Statements:
All flowers are plants.
Some plants are green.
No green thing is dry.
Conclusions:

1. Some flowers are green.
2. No flower is dry.
3. All green things are plants.
4. Some plants are flowers.
5. Some plants are dry.
6. No plant is dry.
7. Some flowers are not green.

Q6.
Statements:
All cars are vehicles.
All vehicles are machines.
Conclusions:

1. All cars are machines.
2. All machines are cars.
3. Some machines are cars.

4. No car is a machine.
5. Some vehicles are cars.
6. All vehicles are machines.
7. Some cars are vehicles.

Q7.
Statements:
Some A are B.
Some B are C.
Conclusions:

1. Some A are C.
2. All B are A.
3. Some C are B.
4. Some C are A.
5. No A is C.
6. Some A are not C.
7. Some B are not A.

Q8.
Statements:
No doctor is lazy.
Some teachers are doctors.
Conclusions:

1. Some teachers are not lazy.
2. All teachers are lazy.
3. Some lazy people are not teachers.
4. Some doctors are not teachers.
5. Some teachers are doctors.
6. No teacher is lazy.
7. All doctors are teachers.

Q9.
Statements:
Some fruits are mangoes.
All mangoes are yellow.
Conclusions:

1. Some fruits are yellow.
2. All fruits are yellow.
3. All yellow things are mangoes.
4. Some mangoes are fruits.
5. Some yellow things are fruits.

6. No fruit is yellow.
7. All mangoes are fruits.

Q10.
Statements:
All chairs are wooden.
No wooden thing is plastic.
Conclusions:

1. No chair is plastic.
2. Some chairs are plastic.
3. Some plastic are wooden.
4. All plastic things are chairs.
5. Some wooden things are chairs.
6. No plastic thing is wooden.
7. All chairs are plastic.

Q11.
Statements:
Some birds are parrots.
All parrots are green.
No green is black.
Conclusions:

1. Some birds are green.
2. No bird is black.
3. Some parrots are birds.
4. Some birds are not black.
5. Some green are parrots.
6. Some parrots are not black.
7. All green things are birds.

Q12.
Statements:
All bottles are glass.
All glass are transparent.
Conclusions:

1. All bottles are transparent.
2. Some transparent are glass.
3. Some glass are bottles.
4. All transparent are bottles.
5. No bottle is transparent.
6. Some bottles are glass.

7. All transparent are glass.

Q13.
Statements:
Some men are intelligent.
All intelligent are hardworking.
Conclusions:

1. Some men are hardworking.
2. All hardworking are intelligent.
3. All intelligent are men.
4. Some hardworking are men.
5. Some men are not intelligent.
6. Some hardworking are not men.
7. Some men are not hardworking.

Q14.
Statements:
No apple is banana.
Some bananas are fruits.
Conclusions:

1. Some fruits are bananas.
2. Some apples are fruits.
3. No fruit is apple.
4. Some bananas are not apples.
5. No banana is apple.
6. All fruits are bananas.
7. Some apples are not fruits.

Q15.
Statements:
All engineers are graduates.
Some graduates are teachers.
Conclusions:

1. Some engineers are teachers.
2. Some teachers are graduates.
3. All teachers are graduates.
4. All engineers are teachers.
5. Some graduates are engineers.
6. All graduates are engineers.
7. Some engineers are not teachers.

SECTION B — MEDIUM LEVEL (Q16–Q35)

Q16.
Statements:
All books are papers.
Some papers are pens.
No pen is pencil.
Conclusions:

1. Some books are pens.
2. Some papers are pencils.
3. No book is pencil.
4. Some pens are papers.
5. Some pencils are not books.
6. Some pens are not books.
7. All books are pens.

Q17.
Statements:
All roses are red.
Some red are flowers.
No flower is artificial.
Conclusions:

1. Some roses are flowers.
2. Some flowers are red.
3. Some red are artificial.
4. No red is artificial.
5. Some roses are not artificial.
6. All red are roses.
7. No flower is rose.

Q18.
Statements:
All doctors are smart.
Some teachers are doctors.
Some teachers are intelligent.
Conclusions:

1. Some teachers are smart.
2. Some intelligent are doctors.
3. Some doctors are teachers.
4. All teachers are doctors.
5. Some intelligent are smart.
6. Some smart are doctors.

7. All intelligent are teachers.

Q19.
Statements:
Some cups are plates.
Some plates are spoons.
All spoons are steel.
Conclusions:

1. Some cups are spoons.
2. Some plates are steel.
3. Some cups are steel.
4. All steel are spoons.
5. Some spoons are plates.
6. All plates are cups.
7. Some plates are not cups.

Q20.
Statements:
All trees are green.
No green is red.
Some red are flowers.
Conclusions:

1. Some flowers are not green.
2. Some red are not trees.
3. No tree is red.
4. Some flowers are trees.
5. Some trees are red.
6. All trees are green.
7. All green are trees.

Q21.
Statements:
All mobiles are gadgets.
All gadgets are electronic.
Some electronic are expensive.
Conclusions:

1. Some mobiles are expensive.
2. Some gadgets are expensive.
3. All expensive are gadgets.
4. Some electronics are gadgets.
5. All mobiles are electronic.

6. No mobile is expensive.
7. All gadgets are mobiles.

Q22.
Statements:
Some people are rich.
All rich are hardworking.
Some hardworking are educated.
Conclusions:

1. Some people are educated.
2. All educated are hardworking.
3. Some hardworking are rich.
4. Some rich are educated.
5. All rich are people.
6. All hardworking are people.
7. Some people are hardworking.

Q23.
Statements:
Some men are women.
No woman is child.
All children are young.
Conclusions:

1. Some men are not children.
2. No man is child.
3. Some young are women.
4. Some women are not young.
5. All children are young.
6. Some men are young.
7. Some children are not men.

Q24.
Statements:
All keys are locks.
All locks are metal.
Some metals are hard.
Conclusions:

1. Some locks are hard.
2. All keys are metal.
3. Some metals are locks.
4. All locks are keys.

5. Some metals are not keys.
6. Some hard are metal.
7. All hard things are locks.

Q25.
Statements:
All computers are machines.
Some machines are robots.
All robots are intelligent.
Conclusions:

1. Some computers are robots.
2. Some intelligent are robots.
3. All intelligent are robots.
4. Some machines are intelligent.
5. All robots are machines.
6. All machines are computers.
7. Some computers are intelligent.

Q26.
Statements:
No pen is a brush.
All brushes are tools.
Some tools are blue.
Conclusions:

1. No pen is a tool.
2. Some tools are brushes.
3. Some blue are brushes.
4. No blue is pen.
5. Some pens are tools.
6. Some brushes are blue.
7. Some tools are pens.

Q27.
Statements:
All lions are animals.
Some animals are dangerous.
All dangerous are hunters.
Conclusions:

1. Some lions are dangerous.
2. Some lions are hunters.
3. Some hunters are animals.

4. All dangerous are animals.
5. Some hunters are dangerous.
6. All animals are lions.
7. Some lions are not dangerous.

Q28.
Statements:
All players are strong.
Some strong are tall.
No tall is weak.
Conclusions:

1. Some players are tall.
2. Some strong are weak.
3. Some players are not weak.
4. Some tall are strong.
5. All strong are players.
6. No player is weak.
7. Some weak are not tall.

Q29.
Statements:
Some A are B.
All B are C.
All C are D.
Conclusions:

1. Some A are D.
2. All A are C.
3. Some D are B.
4. All C are A.
5. Some B are A.
6. All D are B.
7. All B are D.

Q30.
Statements:
All boys are students.
No student is lazy.
Some lazy are workers.
Conclusions:

1. Some boys are workers.
2. No boy is lazy.

3. Some students are boys.
4. No worker is student.
5. Some workers are lazy.
6. All boys are students.
7. Some lazy are not students.

Q31.
Statements:
All fruits are healthy.
Some healthy are tasty.
No tasty is junk.
Conclusions:

1. Some fruits are tasty.
2. No fruit is junk.
3. Some healthy are junk.
4. Some tasty are fruits.
5. All tasty are healthy.
6. Some healthy are not junk.
7. All junk are unhealthy.

Q32.
Statements:
All rivers are water.
Some water is clean.
All clean are pure.
Conclusions:

1. Some rivers are clean.
2. Some pure are water.
3. All rivers are pure.
4. Some water is pure.
5. All pure are rivers.
6. Some clean are rivers.
7. All water is clean.

Q33.
Statements:
No table is chair.
All chairs are wood.
Some wood are strong.
Conclusions:

1. Some tables are wood.

2. No table is wood.
3. Some wood are chairs.
4. Some chairs are strong.
5. Some strong are wood.
6. Some tables are not chairs.
7. Some wood are tables.

Q34.
Statements:
Some doctors are nurses.
All nurses are staff.
All staff are humans.
Conclusions:

1. Some doctors are staff.
2. All nurses are humans.
3. Some humans are doctors.
4. All humans are nurses.
5. Some doctors are humans.
6. All staff are doctors.
7. Some humans are staff.

Q35.
Statements:
All stars are bright.
Some bright are planets.
No planet is moon.
Conclusions:

1. Some stars are planets.
2. Some planets are bright.
3. No star is moon.
4. Some moons are not stars.
5. Some bright are not planets.
6. Some stars are not planets.
7. No planet is star.

● SECTION C — PRO LEVEL (Q36–Q50)

Q36.
Statements:
All teachers are readers.
Some readers are writers.
No writer is lazy.
Conclusions:

1. Some teachers are writers.
2. Some writers are readers.
3. No teacher is lazy.
4. Some readers are not lazy.
5. All readers are lazy.
6. Some teachers are lazy.
7. Some writers are not teachers.

Q37.
Statements:
Some engineers are coders.
All coders are developers.
Some developers are testers.
No tester is manager.
Conclusions:

1. Some engineers are developers.
2. Some coders are testers.
3. Some developers are managers.
4. Some testers are coders.
5. Some developers are not managers.
6. All engineers are developers.
7. Some testers are not coders.

Q38.
Statements:
All painters are artists.
Some artists are famous.
No famous person is poor.
Conclusions:

1. Some painters are famous.
2. No artist is poor.
3. Some poor are not artists.
4. Some famous are artists.
5. All painters are poor.

6. Some painters are not poor.
7. Some poor are artists.

Q39.
Statements:
Some books are novels.
Some novels are poems.
All poems are stories.
Conclusions:

1. Some books are stories.
2. Some novels are stories.
3. All novels are books.
4. Some stories are poems.
5. Some stories are novels.
6. All stories are poems.
7. Some books are poems.

Q40.
Statements:
All leaders are politicians.
No politician is honest.
Some honest are social workers.
Conclusions:

1. Some social workers are politicians.
2. Some politicians are leaders.
3. No leader is honest.
4. Some social workers are not politicians.
5. All politicians are leaders.
6. Some leaders are not honest.
7. Some honest are not politicians.

Q41.
Statements:
All mobile phones are devices.
Some devices are expensive.
No expensive item is cheap.
Conclusions:

1. Some mobile phones are expensive.
2. No mobile phone is cheap.
3. Some expensive are devices.
4. All devices are cheap.

5. Some devices are not cheap.
6. All cheap are devices.
7. All expensive are mobile phones.

Q42.
Statements:
All bats are balls.
All balls are toys.
Some toys are rubber.
No rubber is wood.
Conclusions:

1. Some bats are rubber.
2. Some balls are rubber.
3. No bat is wood.
4. Some toys are wood.
5. Some rubber are not balls.
6. Some balls are toys.
7. All toys are bats.

Q43.
Statements:
Some papers are files.
All files are books.
Some books are registers.
Conclusions:

1. Some papers are books.
2. All files are registers.
3. Some registers are books.
4. Some books are papers.
5. Some registers are files.
6. Some books are not files.
7. Some papers are registers.

Q44.
Statements:
Some actors are singers.
All singers are dancers.
No dancer is lazy.
Conclusions:

1. Some actors are dancers.
2. Some singers are actors.

3. No singer is lazy.
4. Some dancers are actors.
5. Some lazy are singers.
6. No actor is lazy.
7. All singers are actors.

Q45.
Statements:
All pens are pencils.
No pencil is eraser.
All erasers are sharp.
Conclusions:

1. No pen is eraser.
2. Some pencils are sharp.
3. All erasers are pencils.
4. Some pens are sharp.
5. Some sharp are erasers.
6. No sharp is pencil.
7. Some pencils are pens.

Q46.
Statements:
All colleges are schools.
All schools are institutions.
Some institutions are private.
Conclusions:

1. Some colleges are institutions.
2. All colleges are private.
3. Some institutions are colleges.
4. No college is private.
5. Some schools are private.
6. All institutions are colleges.
7. Some institutions are not schools.

Q47.
Statements:
All squares are rectangles.
All rectangles are polygons.
Some polygons are circles.
Conclusions:

1. Some rectangles are circles.

2. All squares are polygons.
3. Some polygons are squares.
4. No square is circle.
5. All circles are polygons.
6. Some circles are rectangles.
7. Some squares are not circles.

Q48.
Statements:
No student is teacher.
All teachers are guides.
Some guides are mentors.
Conclusions:

1. No student is guide.
2. Some guides are teachers.
3. Some mentors are guides.
4. Some guides are not students.
5. All guides are teachers.
6. Some teachers are mentors.
7. Some mentors are not students.

Q49.
Statements:
All fruits are sweet.
All sweets are tasty.
Some tasty are juices.
Conclusions:

1. Some fruits are tasty.
2. Some sweets are juices.
3. All juices are sweet.
4. Some tasty are fruits.
5. All fruits are juices.
6. Some juices are tasty.
7. No juice is fruit.

Q50.
Statements:
All humans are mortal.
Some mortals are wise.
No wise is fool.
Conclusions:

1. Some humans are wise.
2. No human is fool.
3. Some mortals are fools.
4. Some wise are mortals.
5. All wise are mortals.
6. Some humans are not fools.
7. All fools are humans.

ANSWER KEY (Quick Check)

1. 1,3,4 ✔
2. 3,5,7 ✔
3. 1,3,6,7 ✔
4. 1,3,4,5 ✔
5. 1,2,3,4 ✔
6. 1,3,5,7 ✔
7. 3,6 ✔
8. 1,5,6 ✔
9. 1,4 ✔
10. 1,5,6 ✔
11. 1,3,4,6 ✔
12. 1,2,3 ✔
13. 1,4,6 ✔
14. 1,4,5 ✔
15. 2,5 ✔
16. 1,3,4,5 ✔
17. 1,2,5 ✔
18. 1,3,4,6 ✔
19. 2,3,5 ✔
20. 1,2,3,6 ✔
21. 1,2,4,5 ✔
22. 3,4,7 ✔

23. 1,4,5,7 ✔
24. 1,2,3 ✔
25. 1,4,5,7 ✔
26. 2,4,6 ✔
27. 1,2,3,5 ✔
28. 3,4,6 ✔
29. 1,3,5,7 ✔
30. 2,3,5,7 ✔
31. 1,2,4,6 ✔
32. 1,2,4,6 ✔
33. 3,4,5 ✔
34. 1,2,3,5 ✔
35. 2,4,5 ✔
36. 2,3,4,7 ✔
37. 1,5,7 ✔
38. 2,4,6 ✔
39. 1,2,4,5 ✔
40. 2,3,4,6,7 ✔
41. 1,2,3,5 ✔
42. 2,3,6 ✔
43. 1,3,4 ✔
44. 1,2,3,4,6 ✔
45. 1,4,5,7 ✔
46. 1,3,5 ✔
47. 1,2,3,5,6 ✔
48. 2,3,4,7 ✔
49. 1,2,4,6 ✔
50. 1,2,4,6 ✔