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Syllogism Questions for LIC AAO, SBI PO Pre, SBI Clerk Mains, IBPS PO Pre, IBPS Clerk Mains, IBPS SO Pre and RRB Scale I Pre Exams.

Syllogism Quiz 15

Directions: In each question below there are given some statements 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 conclusions logically follows/follow from the given statements, disregarding commonly known facts.

1. **Statements:** No newspaper is magazine.
Not a single magazine is book.
Every book is story.

Conclusions: I. Some stories which are books are newspapers as well.
II. No newspaper is a book.
III. Some stories are not magazines.

A. Only C3 follows
D. All follow

B. Either C1 or C2 follows
E. None of these.

C. Only C2 and C3 follow

2. **Statements:** A few parrots are not pigeons.
All pigeons are white.
No white is green.

Conclusions: I. No green is a pigeon.
II. No parrot is green.
III. Some pigeons are not parrots.

A. Only C1 follows
D. All follow

B. Either C1 or C2 follows
E. None of these

C. Only C2 and C3 follow

3. **Statement:** Some hours are minutes.
All clocks are minutes.
No minute is second.

Conclusions: I. Some hours are clocks.
II. All seconds being clocks is a possibility.
III. No hour is a clocks.

A. Only C3 follows
D. All follow

B. Either C1 or C3 follows
E. None of these

C. Only C2 and C3 follow

4. Statements: No coke is sprite.
No pepsi is coke.

Conclusions: I. No sprite is pepsi.
II. All pepsi are sprite.

- A. Conclusion I follows
B. Conclusion II follows
C. Either conclusion I or conclusion II follows
D. Neither conclusion I or conclusion II follows
E. Both conclusion I and conclusion II follow

5. Statements: Some mobiles are laptops.
No laptop is a tablet.

Conclusions: I. Some tablets are not mobile.
II. All tablets being mobile is a possibility.

- A. Conclusion I follows
B. Conclusion II follows
C. Either conclusion I or conclusion II follows
D. Neither conclusion I or conclusion II follows
E. Both conclusion I and conclusion II follow

6. Statements: All biscuits are butter.
No butter is a bread.

Conclusions: I. At least some bread are butter.
II. No biscuit is a bread.

- A. Conclusion I follows
B. Conclusion II follows
C. Either conclusion I or conclusion II follows
D. Neither conclusion I or conclusion II follows
E. Both conclusion I and conclusion II follow

7. Statements: Some sites are haunted.
Some sites are adventurous.

Conclusions: I. Some adventurous sites are haunted.
II. Some haunted sites are adventurous.

- A. Conclusion I follows
B. Conclusion II follows
C. Either conclusion I or conclusion II follows
D. Neither conclusion I nor conclusion II follows
E. Both conclusion I and conclusion II follow

8. Statements: All apartments are simplex.
No simplex is a duplex.

Conclusions: I. No duplex is a apartment.
II. No apartment is a duplex.

- A. Conclusion I follows
B. Conclusion II follows
C. Either conclusion I or conclusion II follows
D. Neither conclusion I or conclusion II follows
E. Both conclusion I and conclusion II follow

9. Statements: No crab is star fish.
No octopus is crab.

Conclusions: I. No star fish is octopus.
II. All octopus are star fish.

- A. conclusion I follows
B. Conclusion II follows
C. Either conclusion I or conclusion II follows
D. Neither conclusion I nor conclusion II follows
E. Both conclusion I and conclusion II follow

10. Statements: All phones are chargers.
No charger is a battery.

Conclusions: I. At least some batteries are chargers.
II. No phone is a battery.

- A. Conclusion I follows
B. Conclusion II follows
C. Either conclusion I or conclusion II follows
D. Neither conclusion I nor conclusion II follows
E. Both conclusion I and conclusion II follow

Correct Answers:

1	2	3	4	5	6	7	8	9	10
A	A	B	D	B	B	D	E	D	B

Explanations:

1. Checking C1:

Some stories which are books are newspapers as well.

If we observe the given statements, we can find that in Statement 1 and 2, the middle term 'magazine' is distributed twice and therefore even after conversing either of the sentence we won't be able to find a definite conclusion out of these two. Therefore, we can't derive a definite relationship between 'book' and 'newspaper'.

C1 hence doesn't follow.

Checking C2:

No newspaper is a book.

Following the logic explained above, we can clearly say that C2 doesn't follow either.

Checking C3:

Some stories are not magazines.

From S2 and S3,

Not a single magazine is book (E) + Every book is story (A) = Some stories are not magazines.

Clearly, C3 follows.

Among all, only C3 follows.

Option A is hence the correct answer.

2. Checking C1:

No green is a pigeon.

From S1 and S2,

All pigeons are white (A) + No white is green (E) = No pigeon is green or No green is a pigeon.

C1 hence follows.

Checking C2: No parrot is green.

Clearly, S1 in which the class 'parrots' exists is an O type statement, we can't derive a definite relationship of it with any other statement.

Clearly, C2 doesn't follow.

Checking C3: Some pigeons are not parrots.

From S1,

A few parrots are not pigeons.

But as conversion of an O type statement is not valid, C3 doesn't follow either.

Evidently, only C1 follows.

Option A is hence the correct answer.

3. Checking C1 and C3:

'Some hours are clocks' and 'No hour is a clocks.'

In S1 and S2, we can observe that the middle term 'clocks' is not distributed even once, a definite conclusion can't be derived between these two. And C1 is an I type statement and C2 is an E type statement, they both form a complementary pair (E + I combination).

Therefore, either C1 or C3 follows.

Checking C2:

All seconds being clocks is a possibility.

From S2 and S3,

All clocks are minutes + No minute is second = No clock is a second.

Clearly, there is no possibility that exists between 'second' and 'clock'.

C2 hence doesn't follow.

Evidently, either C1 or C3 follows.

Clearly, option B is the correct answer.

4. E + E = No conclusion through deduction method.

Thus, neither conclusion I nor conclusion II follows.

Hence, option D is correct.

5. Some mobiles are laptops (I) + No laptop is a tablet (E) = I + E = O = Some mobiles are not tablets.

Hence, conclusion I does not follow. But the possibility in II exists. Thus, conclusion II follows.

Hence, option B is correct.

6. No butter is a bread (E) – converse – No bread is a butter (E).

Hence conclusion I does not follow.

Again, All biscuits are butter (A) + No butter is a bread (E) = A + E = E = No biscuit is a bread.

Hence conclusion II follows.

Hence, option B is correct.

7. Some sites are haunted (I) + Some sites are adventurous (I) = I + I = No conclusion follows

Hence, neither of the conclusions follows here.

Hence, option D is correct.

8. All apartments are simplex (A) + No duplex is a apartment (E) = A + E = E = "No apartment is a duplex"

This is Conclusion II.

Conclusion I is the Converse of it i.e. No duplex is a apartment.

Hence, both conclusion I and II follow.

Hence, option E is correct.

9. E + E = No conclusion through deduction method.

Venn Diagram

From Venn diagram also we can see that no conclusion can be derived from these statements.

Thus, neither conclusion I nor conclusion II follows.

Hence, option D is correct.

10. No charger is a battery (E) – converse – No battery is a charger (E).

Hence conclusion I does not follow.

Again, All phones are chargers (A) + No charger is a battery (E) = A + E = E = No phone is a battery.

Hence conclusion II follows.

Venn Diagram:

From venn diagram we can see that no battery is charger and vice versa, hence conclusion I does not follow but we can easily find that conclusion II follows.

Hence, option B is correct.



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