

## Syllogism Questions for SBI Clerk Pre, IBPS Clerk Pre, LIC Asst. and EPFO SSA Pre Exams.

Syllogism Quiz 19
Directions: In each question below are given some statements followed by two conclusions numbered $I$ and II. 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 water is air.

No fire is water.
Conclusions: I. No air is fire.
II. All fire is air.
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.
2. Statements: Some balls are bats.

No bat is a wicket.
Conclusions: I. Some wickets are not ball.
II. All wickets being ball is a possibility.
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. Statement:

All shirts are skirts.
No skirt is top.
All tops are kurta.
Conclusions: I. All shirts are kurta
II. Some kurta are skirts
A. If only conclusion I follow
B. If only conclusion II follow
C. If neither conclusion I nor conclusion II follows
D. If both the conclusions follow
E. If either conclusion I or conclusion II follows.
4. Statements: Some frooti are Maaza.

No Maaza is slice.
All slice are fanta.

Conclusions: I. Some frooti are definitely not slice.
II. Some fanta are definitely not Maaza.
A. If only conclusion I follow
B. If only conclusion II follow
C. If neither conclusion I nor conclusion II follows
D. If both the conclusions follow
E. If either conclusion I or conclusion II follows.
5. Statements: All carbon are oxygen.

All Nitrogen are carbon.
Some oxygen are Sulphur.

Conclusions: I. All Nitrogen being Sulphur is a possibility.
II. All Nitrogen are not oxygen.
A. If only conclusion I follow
B. If only conclusion II follow
C. If neither conclusion I nor conclusion II follows
D. If both the conclusions follow
E. If either conclusion I or conclusion II follows.
6. Statements: No month is a year. Some years are weeks.

Conclusions: I. No weeks is a year.
II. Some weeks are years.
A. If only conclusion I follow
B. If only conclusion II follow
C. If neither conclusion I nor conclusion II follows
D. If both the conclusions follow
E. if either conclusion I or conclusion II follows.
7. Statements: No tea is sugar.

No milk is tea.
Conclusions: I. No sugar is milk.
II. All milk are sugar.
A. If only conclusion I follow
B. If only conclusion II follow
C. If neither conclusion I nor conclusion II follows
D. If both the conclusions follow
E. if either conclusion I or conclusion II follows.
8. Statements: Some chocolate are chips.

Some chips are jelly.
All jelly are whoppers.
Conclusions: I. Some jelly are chips.
II. All chocolate being whoppers is a possibility.
A. If only conclusion I follow
B. If only conclusion II follow
C. If neither conclusion I nor conclusion II follows
D. If both the conclusions follow
E. If either conclusion I or conclusion II follows.
9. Statements: Some mountains are oceans.

Some mountains are states.
All states are countries.
Conclusions: I. Some oceans are states.
II. All countries are oceans.
A. Only C1 follows.
B. Only C2 follows.
C. Both C1 and C2 follow.
D. Neither C 1 nor C 2 follows.
E. Either C1 or C2 follows.
10. Statements: Buildings are malls.

Some malls are markets.
All shops are markets.
Conclusions: I. Some markets are not malls.
II. All markets are malls.
A. Only C1 follows.
B. Only C2 follows.
C. Both C1 and C2 follow.
D. Neither C1 nor C2 follows.
E. Either C1 or C2 follows.

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## Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| D | B | C | D | A | B | C | D | D | E |

## Explanations:

1. $E+E=$ No conclusion through deduction method.

Thus, neither conclusion I nor conclusion II follows.
Hence, option D is correct.
2. Some balls are bats $(\mathrm{I})+$ No bat is a wicket $(\mathrm{E})=\mathrm{I}+\mathrm{E}=\mathrm{O}=$ Some balls are not wickets.

Hence, conclusion I does not follow. But the possibility in II exists. Thus, conclusion II follows.
Hence, option B is correct.
3. Statements:

All shirts are skirts.
No skirt is top.


All tops are kurta.

## Conclusions:

I. All shirts are kurta
II. Some kurta are skirts

Checking Conclusion I: All shirts are kurta
All shirts are skirts + No skirts is top = No shirt is top

No shirt is top + All tops are Kurta = Some kurtas are not shirt. Clearly, C1 doesn't follow.

Checking Conclusion II: Some kurta are skirts
No skirt is top + All tops are kurta $=$ Some kurtas not skirts. Clearly, C2 doesn't follow.

Option C is hence the correct answer.

## 4. Statements:

Some frooti are Maaza.
No Maaza is slice.
All slice are fanta.

## Conclusions:

I. Some frooti are definitely not slice.
II. Some fanta are definitely not Maaza.

Checking Conclusion I: Some frooti are definitely not slice.

Some frooti are Maaza + No Maaza is slice = Some frooti are not slice. Clearly, C1 follows.

## Checking Conclusion II:

No Maaza is slice + All slice are fanta $=\mathrm{E}+\mathrm{A}=\mathrm{O}=$ Some Fanta are not Maaza. Clearly, C2 follows as well.

Option D is hence the correct answer.

## 5. Statements:

All carbon are oxygen.
All Nitrogen are carbon.
Some oxygen are Sulphur.

## Conclusions:

I. All Nitrogen being Sulphur is a possibility.
II. All Nitrogen are not oxygen.

Checking Conclusion I: All Nitrogen being Sulphur is a possibility.
As there is no negative statement, possibilities do follow between classes. C1, hence, follows here.

Checking Conclusion II: All Nitrogen are not oxygen.

As there is no negative statement, a definitely negative conclusion cannot follow. C2, hence, doesn't follow.

Option A is hence the correct answer.
6. No month is a year $(E)+$ Some years are weeks $(I)=E+I=O=$ Some weeks are not month.

But the above-mentioned conclusion is not there in the given conclusions.

Checking for conversion we get 'Some weeks are years.' as the converse of statement II.
Hence, only conclusion II follows.
7. $E+E=$ No conclusion through deduction method.

Thus, neither conclusion I nor conclusion II follows.
8. Statements:

Some chocolate are chips.
Some chips are jelly.
All jelly are whoppers.

## Conclusions:

I. Some jelly are chips.
II. All chocolate being whoppers is a possibility.

Checking Conclusion I: Some jelly are chips.

Converse of S2 'Some chips are jelly' = Some jelly are chips. Clearly, C1 follows.
Checking Conclusion II: All chocolate being whoppers is a possibility.
As there is no negative statement, possibilities do follow. C2, follows as well.

Option D is hence the correct answer.

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## 9. Statements:

Some mountains are ocean
Some mountains are states.
All states are countries.

## Conclusions:

I. Some oceans are states.
II. All countries are oceans.

## From S1 and S2:

The middle term is not distributed even once, a definite conclusion between 'Oceans' and 'States' can't be derived from them. C1, hence, doesn't follow.

## From S1, S2 and S3:

We can observe that 'countries' and 'oceans' classes exist in different statements and thus we can't derive an A type conclusion out of a combination of I+I+A type statements. C2, hence, doesn't follow either.

Option D is hence the correct answer.

## 10. Statements:



Buildings are malls.
Some malls are markets.
All shops are markets.

## Conclusions:

I. Some markets are not malls.
II. All markets are malls.

## From S2,

Converse of 'Some markets are malls' = Some malls are markets. Clearly, we have this information that some elements of class 'mall' are markets. What are the rest of the malls? They could be either markets too or they could not be markets.

If we follow the former idea, 'All markets are malls.' becomes a possibility. And, If we follow the latter idea, 'Some markets are not malls' becomes another possibility.

Clearly, either 'Some markets are not malls' or 'All markets are malls' is true.
Option E is hence the correct answer.

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