

Syllogism Questions and Answers

Directions (Q1 - Q10): In each of the given questions, a few statements have been given followed by two conclusions based on them. Consider the statements to be true and answer which of the given conclusions logically follow the statement.

Q 1.

Statement I: Some plums are peaches

Statement II: All peaches are apples

Statement III: Some apples are mangoes

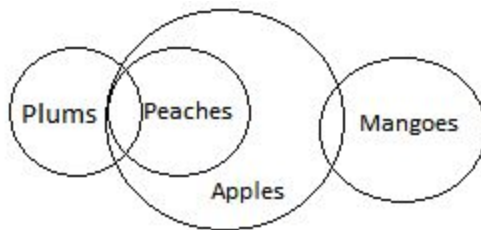
Conclusion I: Some mangoes are peaches

Conclusion II: Some apples are peaches

1. If only conclusion I follow
2. If only conclusion II follows
3. If conclusion I and II both follow
4. If neither conclusion I nor conclusion II follows
5. If either conclusion I or conclusion II follows

Answer: (2) If only conclusion II follows

Solution:



Q 2.

Statement I: All trees are shrubs

Statement II: No shrub is a sapling

Statement III: All saplings are grass

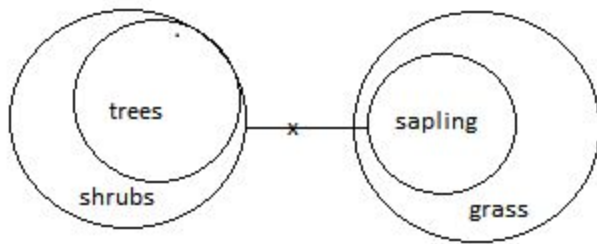
Conclusions I: No tree is a grass

Conclusion II: Some saplings being trees is a possibility

1. If only conclusion I follow
2. If only conclusion II follows
3. If conclusion I and II both follow
4. If neither conclusion I nor conclusion II follows
5. If either conclusion I or conclusion II follows

Answer: (4) If neither conclusion I nor conclusion II follows

Solution:



Q 3.

Statement I: Some green is red

Statement II: Some red is blue

Statement III: All blue is yellow

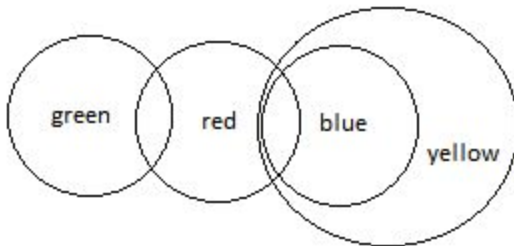
Conclusion I: Some yellow is green

Conclusion II: Some yellow is red

1. If only conclusion I follow
2. If only conclusion II follows
3. If conclusion I and II both follow
4. If neither conclusion I nor conclusion II follows
5. If either conclusion I or conclusion II follows

Answer: (2) If only conclusion II follows

Solution:



Q 4.

Statement I: Some money is cash.

Statement II: Some cash are draft

Statement III: All drafts are bills

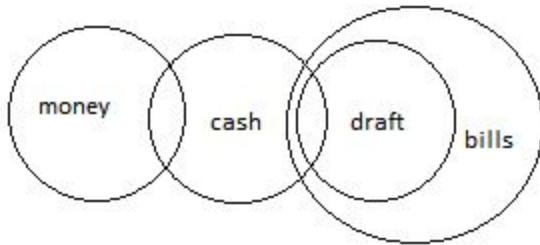
Conclusion I: Some money are draft

Conclusion II: Some money is bills

1. If only conclusion I follow
2. If only conclusion II follows
3. If conclusion I and II both follow
4. If neither conclusion I nor conclusion II follows
5. If either conclusion I or conclusion II follows

Answer: (4) If neither conclusion I nor conclusion II follows

Solution:



Q 5.

Statement I: All books are diary

Statement II: Some diaries are notebooks

Statement III: All notebooks are notepads

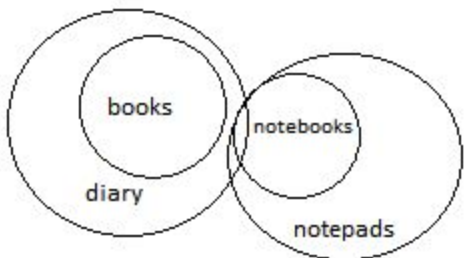
Conclusion I: Some notepads are diary

Conclusion II: Some notepads are books

1. If only conclusion I follow
2. If only conclusion II follows
3. If conclusion I and II both follow
4. If neither conclusion I nor conclusion II follows
5. If either conclusion I or conclusion II follows

Answer: (1) If only conclusion I follow

Solution:



Q 6.

Statement I: Some gold are platinum

Statement II: Some platinum are silver

Statement III: Some silver are zinc

Conclusion I: Some gold are silver

Conclusion II: Some zinc are platinum

1. If only conclusion I follow
2. If only conclusion II follows
3. If conclusion I and II both follow
4. If neither conclusion I nor conclusion II follows

5. If either conclusion I or conclusion II follows

Answer: (4) If neither conclusion I nor conclusion II follows

Solution:



Q 7.

Statement I: Only a few rivers are lakes

Statement II: All rivers are ocean

Statement III: All oceans are stream

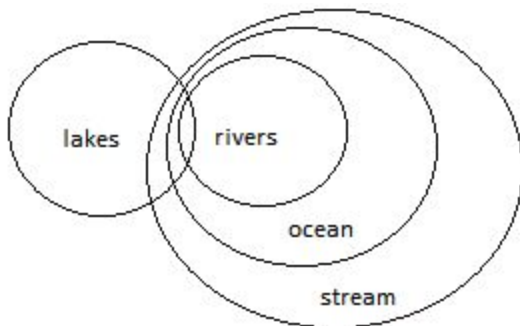
Conclusion I: All stream being lakes is a possibility

Conclusion II: At least some oceans are rivers

1. If only conclusion I follow
2. If only conclusion II follows
3. If conclusion I and II both follow
4. If neither conclusion I nor conclusion II follows
5. If either conclusion I or conclusion II follows

Answer: (2) If only conclusion II follows

Solution:



Q 8.

Statement I: Only biscuits are chocolate

Statement II: Only few biscuits are snacks

Statement III: All snacks are beverages

Conclusion I: Some biscuits are not snacks is a possibility

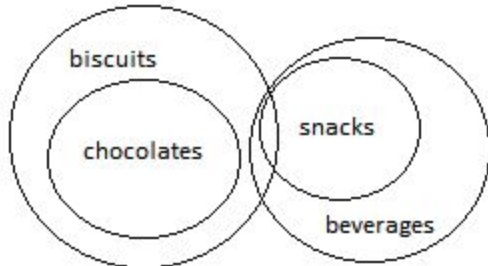
Conclusion II: Some chocolates are snacks is a possibility

1. If only conclusion I follow
2. If only conclusion II follows
3. If conclusion I and II both follow

4. If neither conclusion I nor conclusion II follows
5. If either conclusion I or conclusion II follows

Answer: (2) If only conclusion II follows

Solution:



Q 9.

Statement I: Some mobiles are telephone

Statement II: No cordless is mobile.

Statement III: Some tablets are mobiles

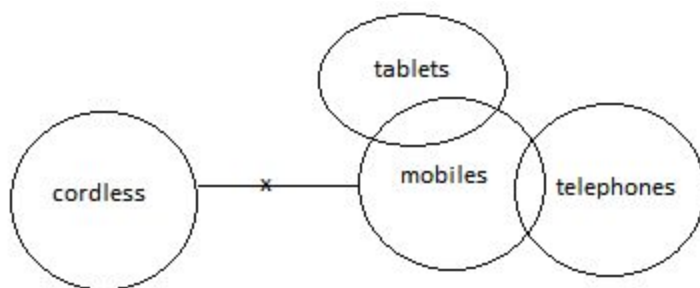
Conclusion I: No mobile is cordless

Conclusion II: All telephone being tablets is a possibility

1. If only conclusion I follow
2. If only conclusion II follows
3. If conclusion I and II both follow
4. If neither conclusion I nor conclusion II follows
5. If either conclusion I or conclusion II follows

Answer: (3) If conclusion I and II both follow

Solution:



Q 10.

Statement I: Some Gmail is yahoo

Statement II: No yahoo is Instagram

Statement III: All Instagram is twitter

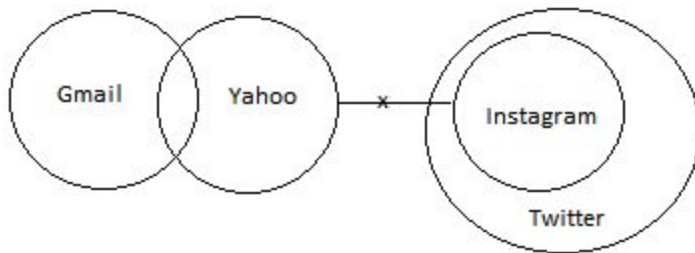
Conclusion I: Some twitter being Gmail is a possibility

Conclusion II: Some yahoo can never be Instagram

1. If only conclusion I follow
2. If only conclusion II follows
3. If conclusion I and II both follow
4. If neither conclusion I nor conclusion II follows
5. If either conclusion I or conclusion II follows

Answer: (3) If conclusion I and II both follow

Solution:



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Directions (Q11 - Q20): In the following questions, a few statements have been given followed by three or more conclusions. Consider the statements to be true and answer which of the given conclusions are correct with respect to the statements:

Q 11.

Statement I: Some winter are summer.

Statement II: All spring are summer.

Statement III: Some summer are autumn.

Conclusion I: No autumn is winter

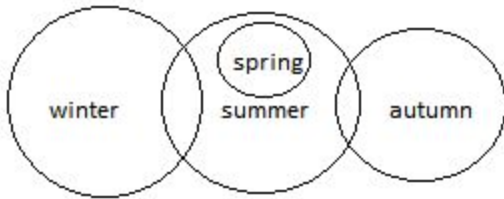
Conclusion II: All autumns being winter is a possibility

Conclusion III: Some autumn is winter

1. Only conclusion I follow
2. Both conclusion I and III follow
3. Either conclusion I and III follow and conclusion II definitely follows
4. All conclusion I, II & III follow
5. None of the above

Answer: (3) Either conclusion I and III follow and conclusion II definitely follows

Solution:



Q 12.

Statement I: All plates are cups

Statement II: All cups are spoons

Statement III: Some spoons are forks

Statement IV: All forks are bowl

Conclusion I: All bowl are plates

Conclusion II: At least some spoons are bowl

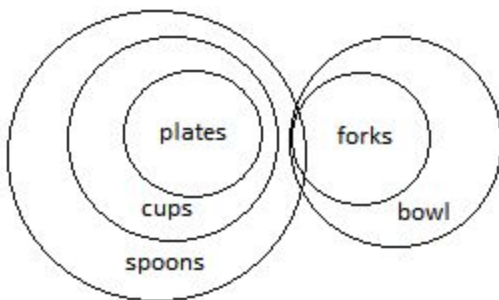
Conclusion III: All cups are not plates

Conclusion IV: All plates being spoons is a possibility

1. All conclusion follows
2. Only conclusion II and IV follow
3. Only conclusion I follow
4. Only conclusion II follows
5. None of the above

Answer: (4) Only conclusion II follows

Solution:



Q 13.

Statement I: All mobiles are laptops

Statement II: All laptops are computer

Statement III: Some computers are tablets

Statement IV: All tablets are palmtop

Conclusion I: All palmtop are laptops

Conclusion II: At least some computers are palmtop

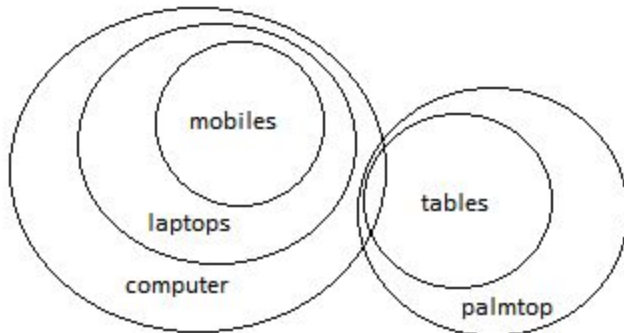
Conclusion III: All laptops are not mobiles

Conclusion IV: All mobiles being computers is a possibility

1. Both conclusion II and IV follow
2. Only conclusion I follows
3. Only conclusion IV follow
4. Only conclusion III follow
5. Only conclusion II follow

Answer: (1) Both conclusion II and IV follow

Solution:



Q 14.

Statement I: Some roses are sunflower

Statement II: Some sunflower are marigold

Statement III: All marigold are lilies

Statement IV: No rose is tulip

Conclusion I: Some lilies are sunflower

Conclusion II: Some lilies are roses

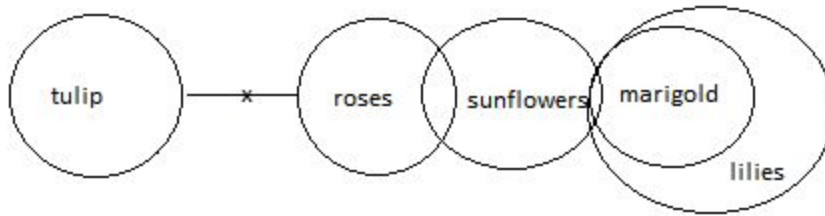
Conclusion III: Some marigold are tulip

Conclusion IV: No marigold is tulip

1. Only conclusion I follow
2. Either conclusion IV and III follow
3. Both options (1) and (2)
4. Cannot be determined
5. None of the above

Answer: (3) Both options (1) and (2)

Solution:



Q 15.

Statement I: No P is X

Statement II: All X are Y

Statement III: Some Y are Z

Conclusion I: No P is Z

Conclusion II: No Y is a X

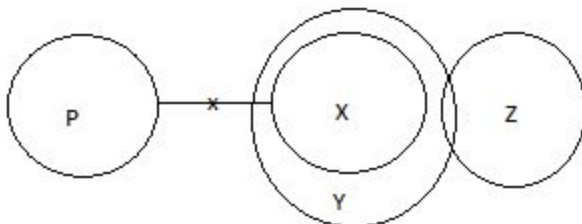
Conclusion III: Some Y is X is a possibility

Conclusion IV: At least some Z are P

1. Either conclusion I or IV follow
2. Either conclusion I or II follow
3. Either conclusion III or IV follow
4. Either conclusion II or III follow
5. Either conclusion IV or II follow

Answer: (1) Either conclusion I or IV follow

Solution:



Q 16.

Statement I: Some sketchpen are pencil

Statement II: All the marker are pencil

Statement III: All the pens are sketchpen

Conclusion I: Some sketchpen are marker

Conclusion II: No pen is pencil

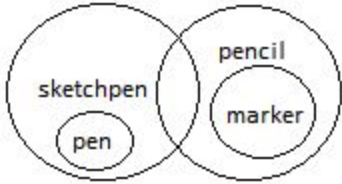
Conclusion III: Some marker is sketchpen

1. Only conclusion I follow
2. Only conclusion II follow
3. Only conclusion III follow
4. Both conclusion I and II follow

5. None of the above

Answer: (5) none of the above

Solution:



Q 17.

Statement I: All the white are grey

Statement II: All the black are grey

Statement III: Some purple are black

Conclusion I: Some white are black

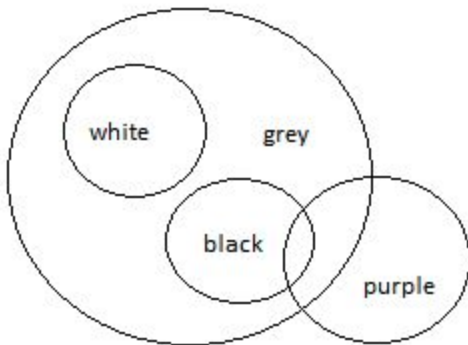
Conclusion II: Some grey are white

Conclusion III: Some grey are purple

1. Either conclusion III or I follow
2. Only conclusion II follow
3. Both conclusion I and II follow
4. Either conclusion I or II follow
5. None of the above

Answer: (5) None of the above

Solution:



Q 18.

Statement I: All vegetables are fruits

Statement II: Some sweets are fruits

Conclusion I: All vegetables are sweets

Conclusion II: All sweets are vegetables

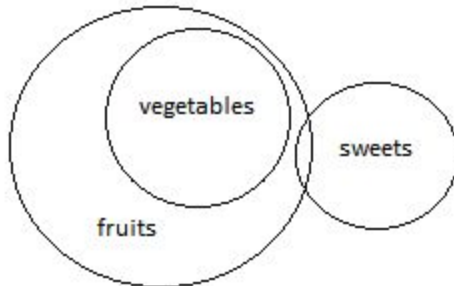
Conclusion III: Some fruits are sweets

1. Only conclusion I follow

2. Only conclusion III follow
3. Only conclusion II follow
4. All conclusions I, II & III follow
5. None of the three conclusions follow

Answer: (2) Only conclusion III follow

Solution:



Q 19.

Statement I: All pillows are cushions

Statement II: Some cushions are bedsheet

Statement III: All bedsheet are blankets

Statement IV: Some blankets are tablecover

Conclusion I: Some blankets are cushions

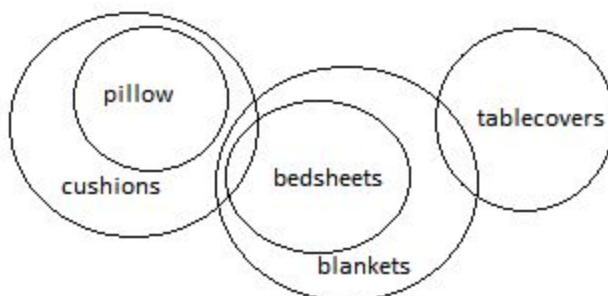
Conclusion II: Some blankets are pillows

Conclusion III: Some tablecover is cushions

1. Only conclusion I follow
2. Only conclusion II follow
3. Only conclusion III follow
4. Both conclusion I and II follow
5. Both conclusion III and I follow

Answer: (1) Only conclusion I follow

Solution:



Q 20.

Statement I: Some sparrows are pigeons

Statement II: Some pigeons are crows

Statement III: Some crows are peacocks

Statement IV: Some peacocks are parrots

Conclusions I: Some parrots are pigeons

Conclusion II: No parrot is pigeon

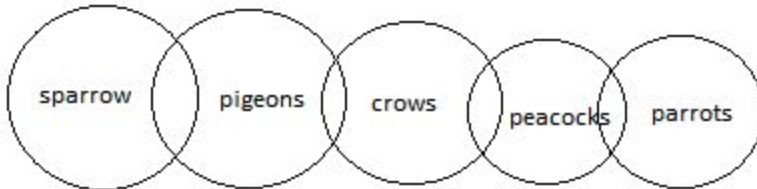
Conclusion III: Some peacocks are sparrows

Conclusion IV: No peacock is a sparrow

1. Only Conclusion I and II follow
2. Only Conclusion I, II & III follow
3. Either conclusion I or II and III or IV follow
4. All the four conclusions follow
5. Only conclusion II follows

Answer: (3) Either conclusion I or II and III or IV follow

Solution:



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