

GOUR INSTITUTE

PSC, Bank (Clerk/PO), SSC, Railways, S.I., Classes

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SYLLOGISM

INTRODUCTION

The questions which are asked in this section contain two or more statements and these statements are followed by two or more conclusions. You have to find out which of the conclusions logically follow from the given statements. The statements have to be taken true even if they seem to be at variance from the commonly known facts.

For such questions, you can take the help of **Venn Diagrams**. On the basis of the given statements, you should draw all the possible diagrams, and then derive the solution from each of these diagrams separately. Finally, the answer common to all the diagrams is taken.

Example 1: Statements:

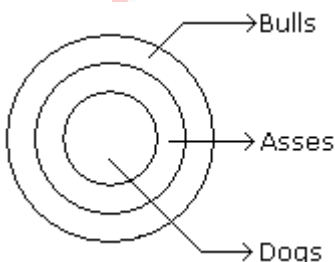
1. All dogs are asses.
2. All asses are bulls.

Conclusions:

1. Some dogs are not bulls.
2. Some bulls are dogs.
3. All bulls are dogs.
4. All dogs are bulls.

Solution:

On the basis of both statements, the following one diagram is possible.



From the diagram it is clear that (2) and (4) conclusions logically follow.

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Example 2:

Statements:

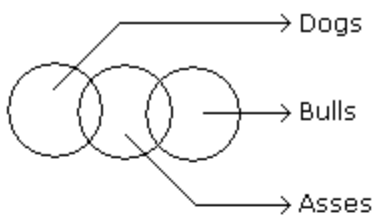
1. Some dogs are asses.
2. Some asses are bulls.

Conclusions:

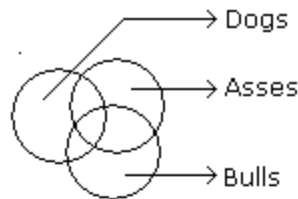
1. Some asses are not dogs.
2. Some dogs are bulls.

Solution:

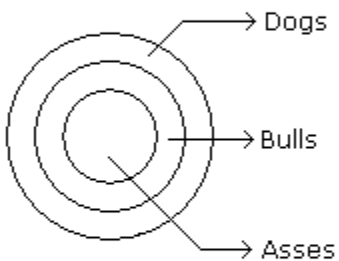
From these given statements the following diagrams are possible:



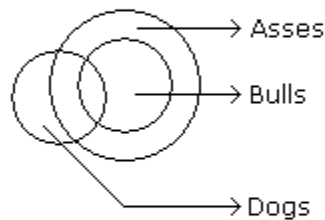
(1)



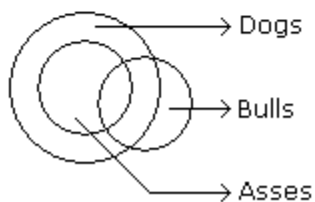
(2)



(3)



(4)



(5)

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SYLLOGISM

EXERCISE

In each of the following questions there are three statements. Which are followed by three or four conclusions. Choose the conclusions which logically follow from the given statements.

1. **Statements:** All the locks are keys. All the keys are bats. Some watches are bats.

Conclusions:

1. Some bats are locks.
2. Some watches are keys.
3. All the keys are locks.

- A. Only (1) and (2)
B. Only (1)
C. Only (2)
D. Only (1) and (3)

2. **Statements:** Some keys are staplers. Some staplers are stickers. All the stickers are pens.

Conclusions:

1. Some pens are staplers.
2. Some stickers are keys.
3. No sticker is key.
4. Some staplers are keys.

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

3. **Statements:** Some questions are answers. Some answers are writers. All the writers are poets.

Conclusions:

1. Some writers are answers.
2. Some poets are questions.
3. All the questions are poets.
4. Some poets are answers.

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A. Only (1) and (2)

B. Only (1) and (4)

C. Only (1) and (3)

D. Only (2) and (4)

4. **Statements:** Some envelopes are gums. Some gums are seals. Some seals are adhesives.

Conclusions:

1. Some envelopes are seals.
2. Some gums are adhesives.
3. Some adhesives are seals.
4. Some adhesives are gums.

A. Only (3)

B. Only (1)

C. Only (2)

D. Only (4)

5. **Statements:** All the papers are books. All the bags are books. Some purses are bags.

Conclusions:

1. Some papers are bags.
2. Some books are papers.
3. Some books are purses.

A. Only (1)

B. Only (2) and (3)

C. Only (1) and (2)

D. Only (1) and (3)

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In each of the following questions there are three statements. Which are followed by three or four conclusions. Choose the conclusions which logically follow from the given statements.

6. **Statements:** Some rats are cats. Some cats are dogs. No dog is cow.

Conclusions:

1. No cow is cat.
2. No dog is rat.
3. Some cats are rats.

A. Only (1)

B. Only (1) and (2)

C. Only (1) and (3)

D. Only (2) and (3)

E. Only (3)

7. **Statements:** All the books are papers. Some papers are journals. Some journals are calendars.

Conclusions:

1. Some journals are books.
2. Some calendars are papers.
3. Some books are journals.
4. Some books are calendars.

A. Only (1)

B. Only (2)

C. Only (3)

D. Only (4)

E. None of the four

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8. **Statements:** All the bottles are boxes. All the boxes are bags. Some bags are trays.

Conclusions:

1. Some bottles are trays.
2. Some trays are boxes.
3. All the bottles are bags.
4. Some trays are bags.

- A. Only (3) and (4)
B. Only (1) and (2)
C. Only (2) and (3)
D. Only (1) and (4)

9. **Statements:** Some cars are jeeps. All the boxes are jeeps. All the pens are cars.

Conclusions:

1. Some cars are boxes.
2. No pen is jeep.
3. Some boxes are cars.

- A. None of three
B. Only (1) and (2)
C. Only (1) and (3)
D. Only (2) and (3)



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ANSWER SHEET

SYLLOGISM EXERCISE

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

