DAY 20

# MCA CET 2025

## REASONING

# SYLLOGISM

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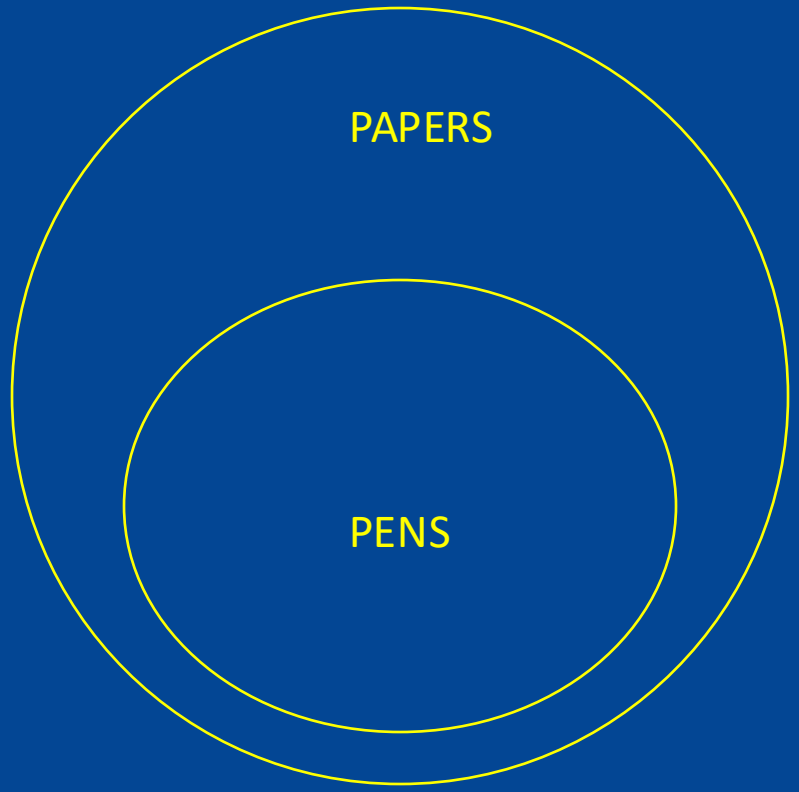
# FOR MAH MCA CET 2025

# What is Syllogism?

It contains statements and conclusions. You have to analyze the statements and derive the logical conclusions.

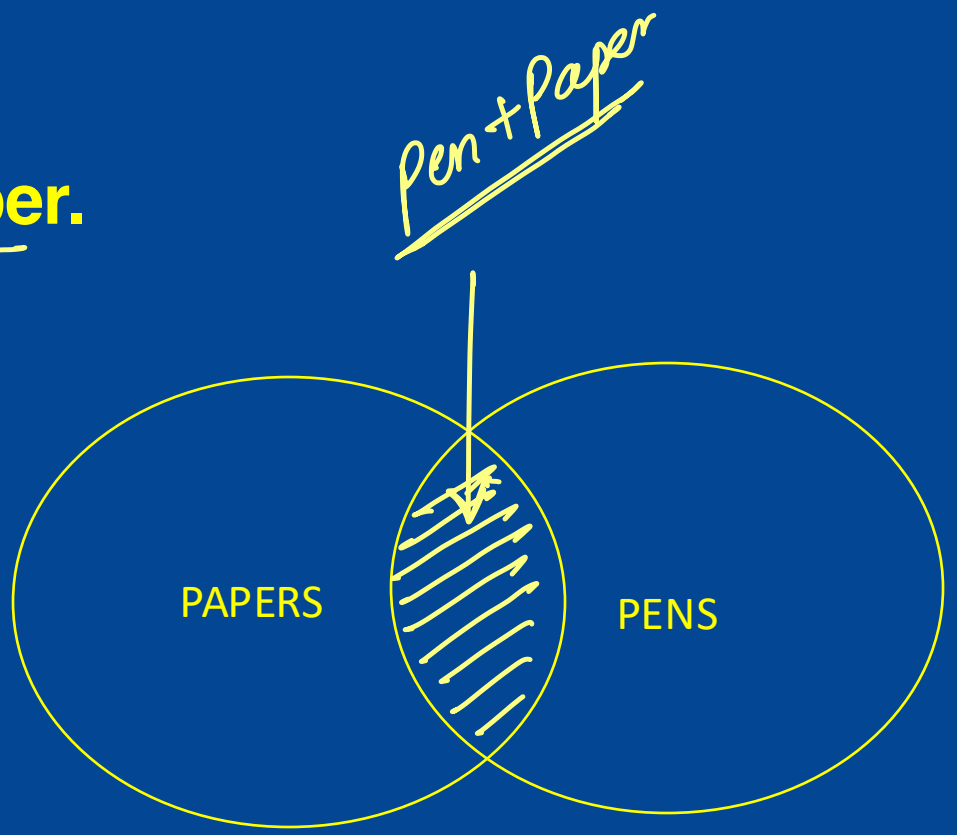
# Rule 1:

**All pens are paper.**



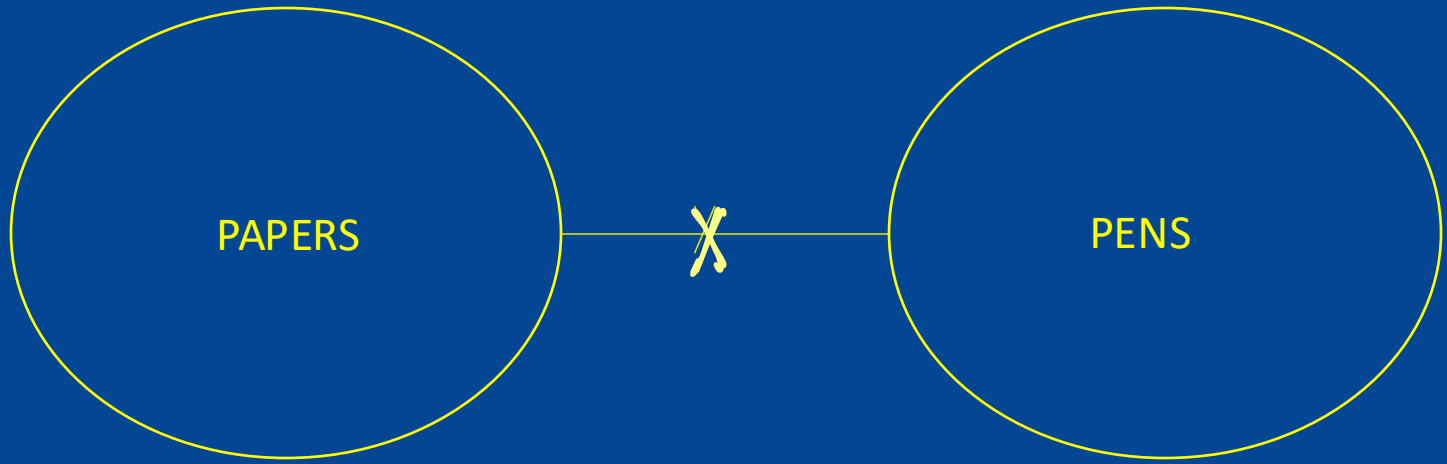
# Rule 2:

**Some pens are paper.**



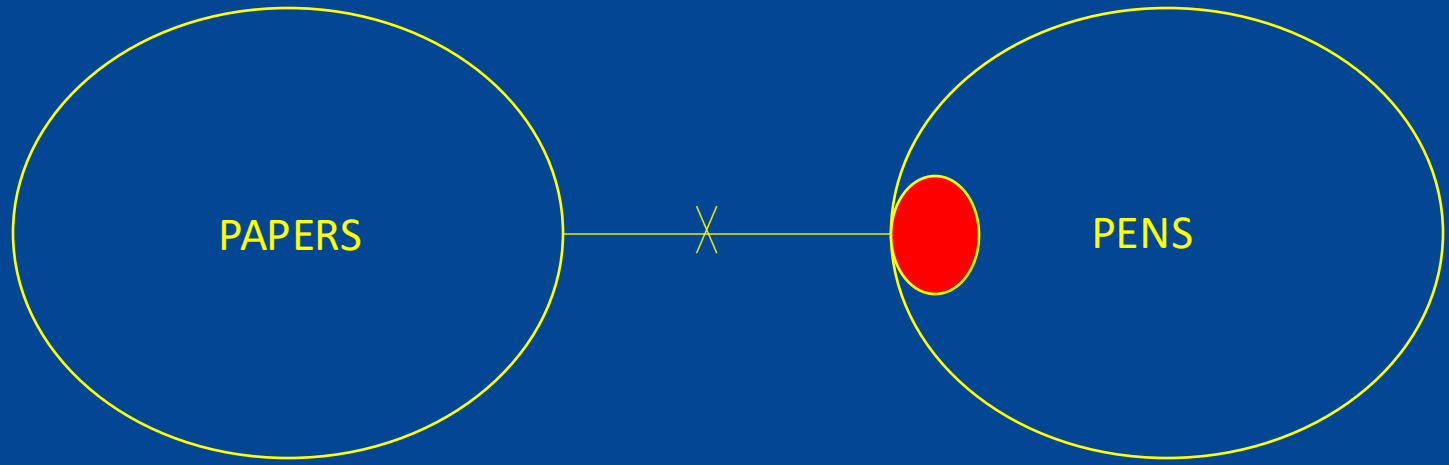
# Rule 3:

**No pen is paper.**



# Rule 4:

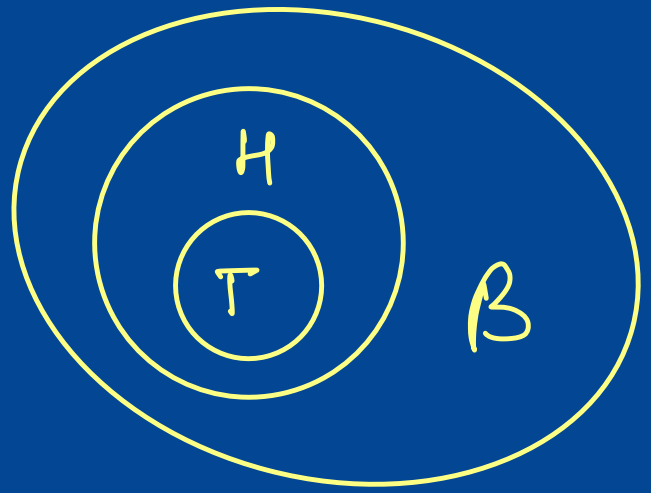
**Some pen is not paper.**



*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

1. All terrorists are human.
2. All humans are bad.




Conclusions

I. All terrorists are bad.

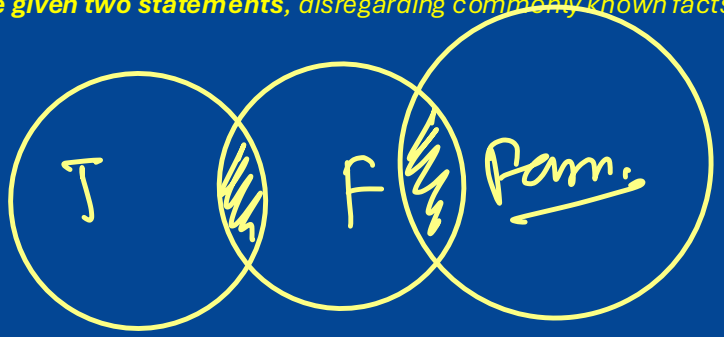
II. No human can be a terrorist.

1. Only Conclusion I follows.
2. Only Conclusion II follows.
3. Neither Conclusion I nor II follows.
4. Both Conclusions I and II follow.

*Read all the conclusions and then decide which of the given* ***conclusions logically follow from the given two statements,*** *disregarding commonly known facts.*

Statements

1. Some teachers are followers.
2. Some followers are famous.




Conclusions

I. Some teachers are famous.

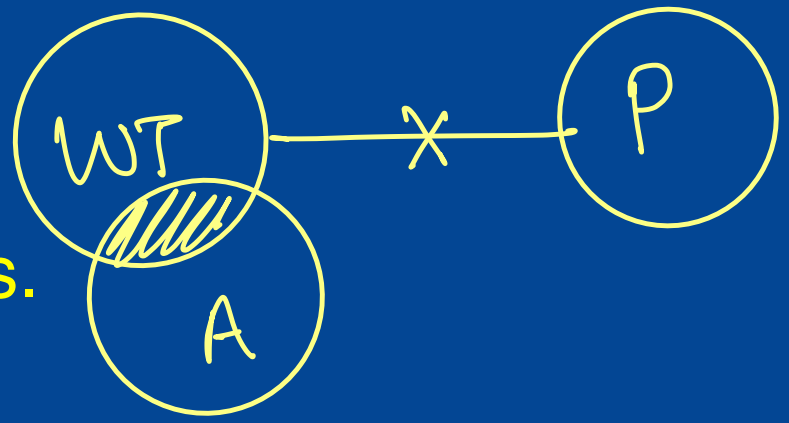
II. Some followers are teachers.

1. Only Conclusion I follows.
2. Only Conclusion II follows.
3. Neither Conclusion I nor II follows.
4. Both Conclusions I and II follow.

*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

1. Woman teacher can not play.
2. Some women teachers are athletes.




Conclusions

I. Male athletes can play.

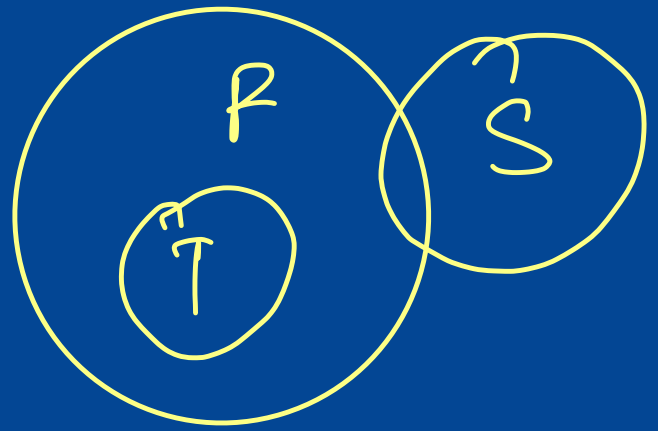
II. Some athletes can play.

1. Only Conclusion I follows.
2. Only Conclusion II follows.
3. Neither Conclusion I nor II follows.
4. Both Conclusions I and II follow.

*Read all the conclusions and then decide which of the given* ***conclusions logically follow from the given two statements,*** *disregarding commonly known facts.*

Statements

1. All trucks are fly.
2. Some scooters are fly.




Conclusions

I. All trucks are scooters.

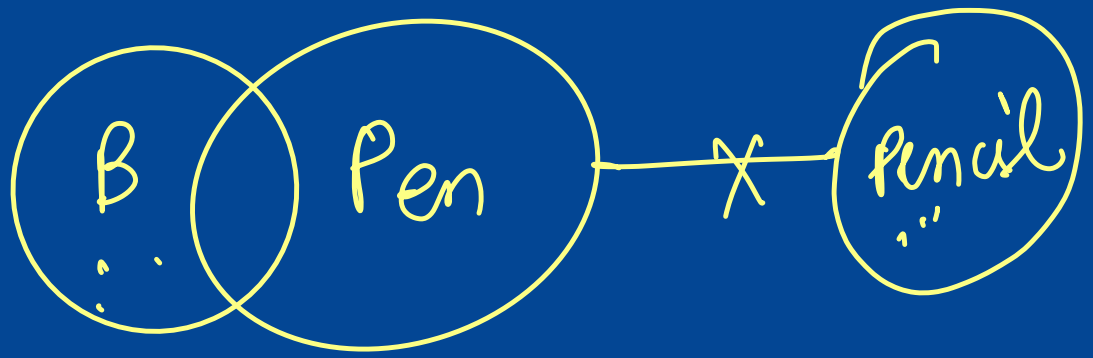
II. Some scooters do not fly.

1. Only Conclusion I follows.
2. Only Conclusion II follows.
3. Neither Conclusion I nor II follows.
4. Both Conclusions I and II follow.

*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

1. Some books are pens.
2. No pen is pencil.




Conclusions

I. Some books are pencils.

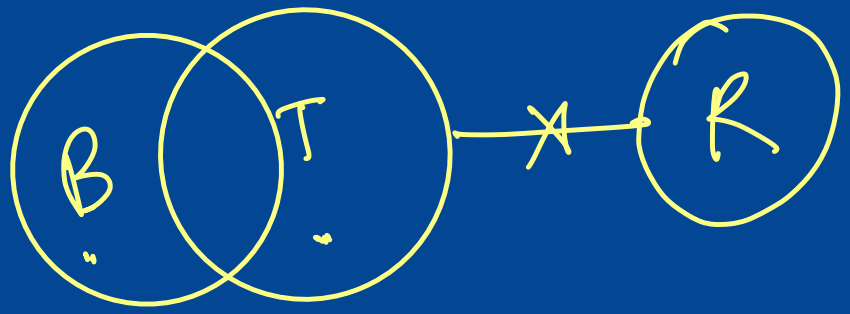
II. No book is pencil.

1. Only Conclusion I follows.
2. Only Conclusion II follows.
3. Neither Conclusion I nor II follows.
4. Both Conclusions I and II follow.

*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

1. Some books are toys.
2. No toys are red.




Conclusions

I. Some books are red.

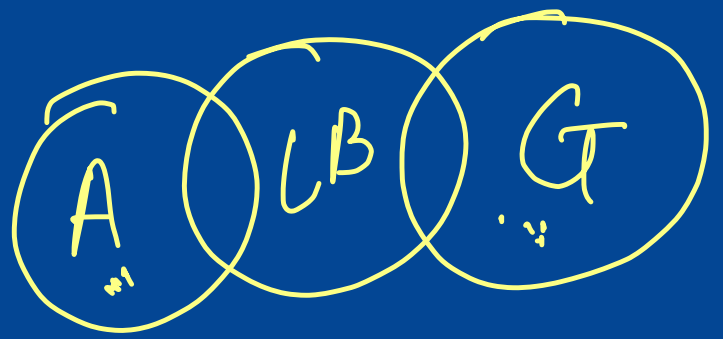
II. Some toys are books.

1. Only Conclusion I follows.
2. Only Conclusion II follows.
3. Neither Conclusion I nor II follows.
4. Both Conclusions I and II follow.

*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

1. Some aeroplanes are living beings.
2. Some living beings are ghosts.




Conclusions

I. Some aeroplanes are ghosts.

II. Some aeroplanes are not ghosts.

1. Only Conclusion I follows.
2. Only Conclusion II follows.
3. Neither Conclusion I nor II follows.
4. Both Conclusions I and II follow.

*Read all the conclusions and then decide which of the given* ***conclusions logically follow from the given two statements,*** *disregarding commonly known facts.*

Statements

1. All papers are bags.
2. No bag is green.

Conclusions

I. No paper is green.

II. Some papers are green.

III. Some green are papers.

IV. Some bags are papers.

(a) Either Conclusion I or II follows
(b) Conclusions I and III follow
(c) Conclusions I and IV follow
(d) None of the above

*Read all the conclusions and then decide which of the given* ***conclusions logically follow from the given two statements,*** *disregarding commonly known facts.*

Statements

1. Some trees are pens.
2. All pens are pencils.

Conclusions

I. All pencils are pens.

II. All trees are pens.

III. Some trees are not pens.

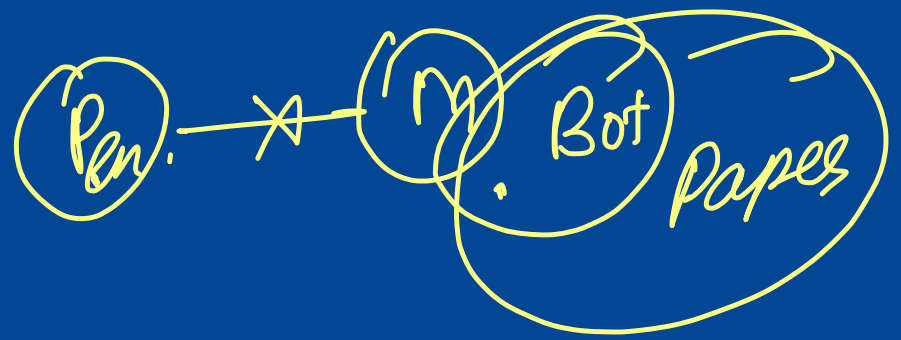
IV. All pencils are trees.

(a) Conclusions I and II follow
(b) Conclusions III and IV follow
(c) Only Conclusions IV follows
(d) None follows

*Read all the conclusions and then decide which of the given* ***conclusions logically follow from the given two statements,*** *disregarding commonly known facts.*

Statements

1. No pen is a mobile.
2. Some mobiles are bottles.
3. All bottles are papers.




Conclusions

I. Some papers are pens.

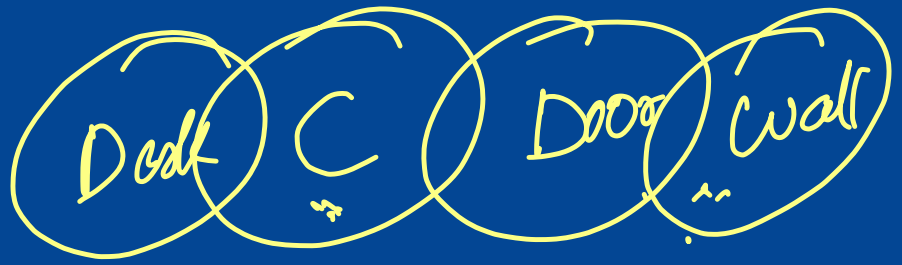
II. All bottles are pens.

(a) Only Conclusion I follows.
(b) Only Conclusion II follows.
(c) Either Conclusion I or II follows.
(d) Neither Conclusion I nor II follows.

*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

1. Some desks are chairs.
2. Some chairs are doors.
3. Some doors are walls.




Conclusions

I. Some walls are chairs.

II. No chair is a wall.

} Complementary pair of conclusions — SPECIAL CASE

(a) Only Conclusion I follows.

(b) Only Conclusion II follows.

(c) Either Conclusion I or II follows.

(d) Neither Conclusion I nor II follows.

*Read all the conclusions and then decide which of the given* ***conclusions logically follow from the given two statements,*** *disregarding commonly known facts.*

Statements

1. All stars are fishes.
2. Some fishes are moons.
3. All moons are birds.

Conclusions

I. Some birds are fishes.

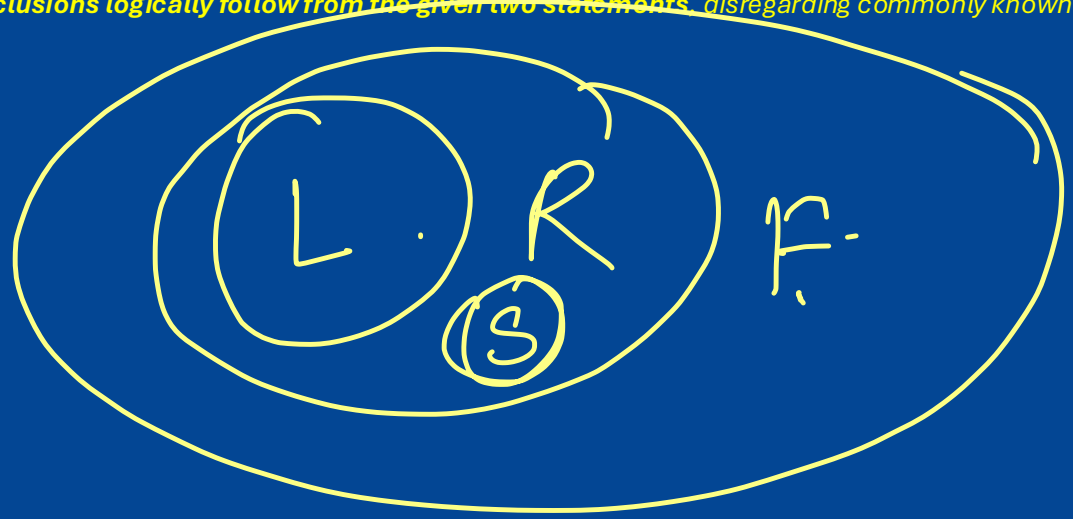
II. Some stars are moons.

(a) Only Conclusion I follows.
(b) Only Conclusion II follows.
(c) Either Conclusion I or II follows.
(d) Neither Conclusion I nor II follows.

*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

1. All leaves are roots.
2. All stems are roots.
3. All roots are flowers.




Conclusions

I. All flowers are stems.

II. Some flowers are leaves.

(a) Only Conclusion I follows.

(b) Only Conclusion II follows.

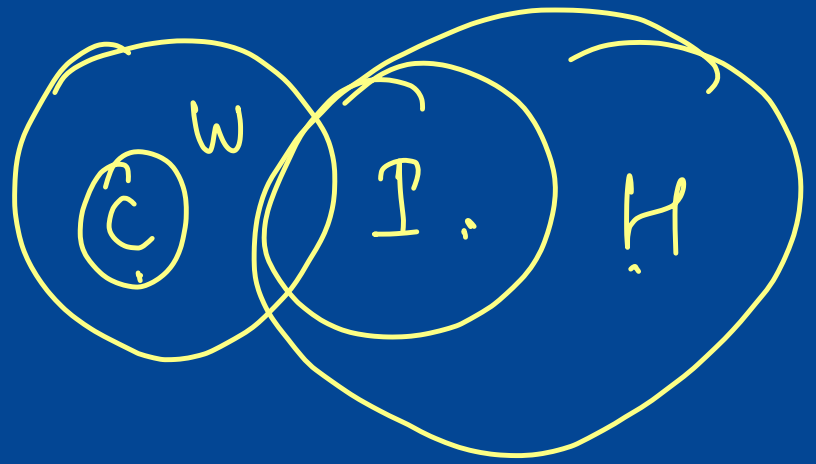
(c) Either Conclusion I or II follows.

(d) Neither Conclusion I nor II follows.

*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

1. All cricketers are wealthy.
2. Some wealthy are Indians.
3. All Indians are honest.




Conclusions :

I. All Indians are cricketers

II. Some cricketers are honest.

(a) Only conclusion II follows.

(b) Only conclusion I follows.

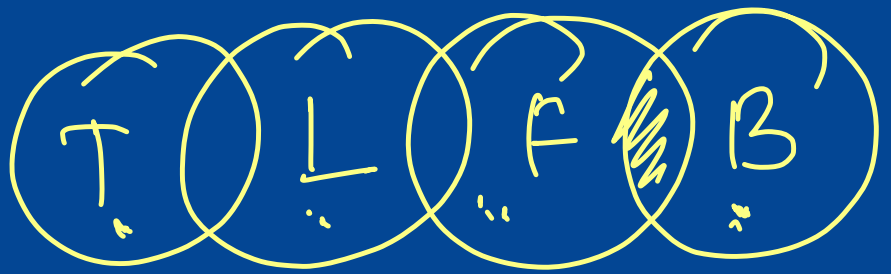
(c) Neither conclusions I nor II follows

(d) Both conclusions I and II follow

*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

1. Some trees are leaves.
2. Some leaves are flowers.
3. Some flowers are branches.




Conclusions :

I. Some trees are flowers.

II. Some leaves are branches.

III. Some branches are flowers.

IV. Some branches are leaves.

(a) Only conclusions II and III follow

(b) Only conclusions I and II follow

(c) Only conclusion III follows

(d) None of the conclusions follow

*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

1. Some mirrors are glass.
2. All glass are taps.
3. Some taps are pens.

Conclusions :

I. Some glass are mirrors.

II. All taps are glass.

III. Some pens are taps.

(a) None of the conclusions follows.
(b) Only conclusions I and II follow.
(c) Only conclusion II follows.
(d) Only conclusions I and III follow.

*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

1. Some laptops are phones.
2. Some phones are capsules.
3. Some capsules are pens.

Conclusions :

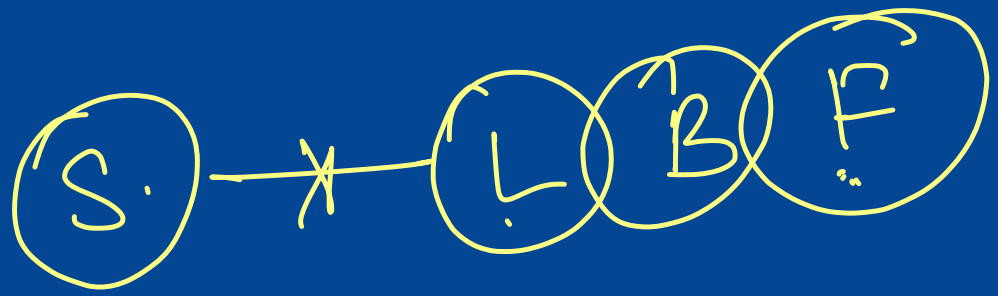
I. Some laptops are capsules.
II. Some phones are pens.
III. Some pens are capsules.
IV. Some pens are phones.

(a) Only conclusions II and IV follow
(b) Only conclusions II and III follow
(c) Only conclusion I follows
(d) Only conclusion III follows

*Read all the conclusions and then decide which of the given* ***conclusions logically follow from the given two statements,*** *disregarding commonly known facts.*

Statements

1. No streak is a line.
2. Some lines are bands.
3. All bands are flashes




Conclusions :

I. Some flashes are streaks.

II. No flash is a line.

(a) Only conclusion I follows

(b) Both conclusions I and II follow

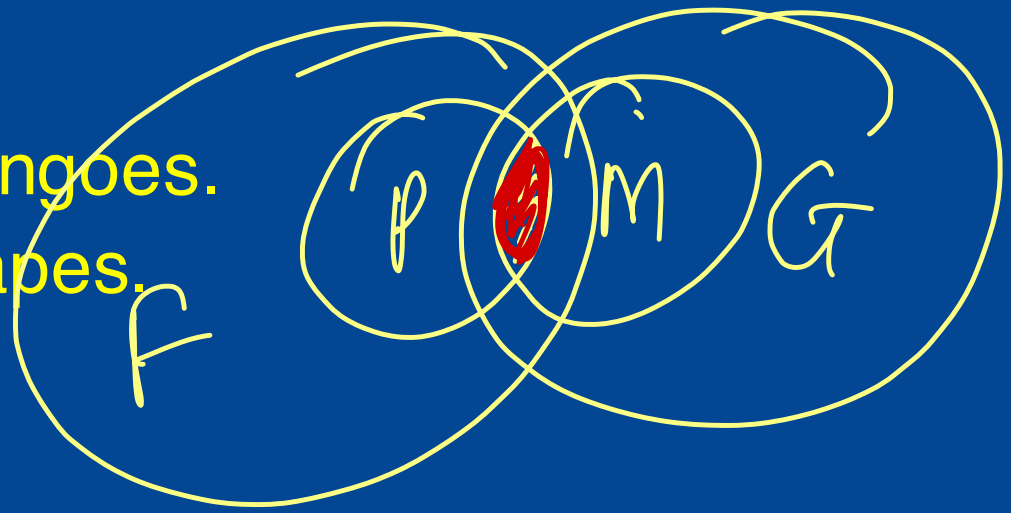
(c) Only conclusion II follows

(d) Neither conclusion I nor II follows

*Read all the conclusions and then decide which of the given* ***conclusions logically follow from the given two statements,*** *disregarding commonly known facts.*

Statements

1. Some pears are mangoes.
2. All mangoes are grapes.
3. All pears are fruits.




Conclusions:

I. Some pears are grapes.

II. Some mangoes are fruits.

(a) Only conclusion I follows.

(b) Both conclusions I and II follow

(c) Only conclusion II follows

(d) Neither conclusion I nor II follows

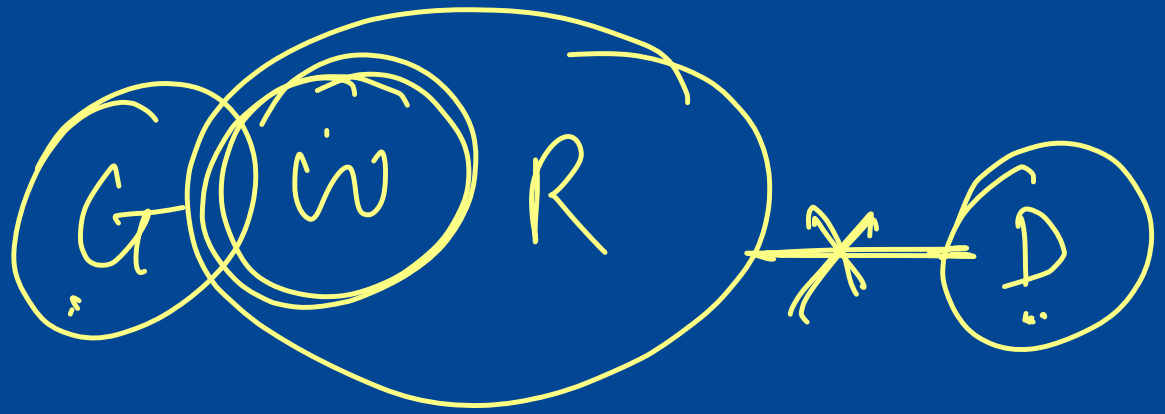
*Read all the conclusions and then decide which of the given **conclusions logically follow from the given two statements**, disregarding commonly known facts.*

Statements

I. Some gates are ways.

II. All ways are routes.

III. No route is a door.




Conclusions :

I. No door is a way.

II. Some gates are routes.

(a) Neither conclusion I nor II follows

(b) Only conclusion I follows

(c) Both conclusions I and II follow

(d) Only conclusion II follows

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