

FREE COURSE FOR BBA BBM BMS BCA

DAY 10

REASONING

SYLLOGISM



INVINCIBLE 2.0
MAH CET BBA BCA
& CUET UG GT 2025





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**FOR MAH CET FOR BBA BBM BMS BCA
& CUET UG PAPER 3 GENERAL TEST**



What is Syllogism?

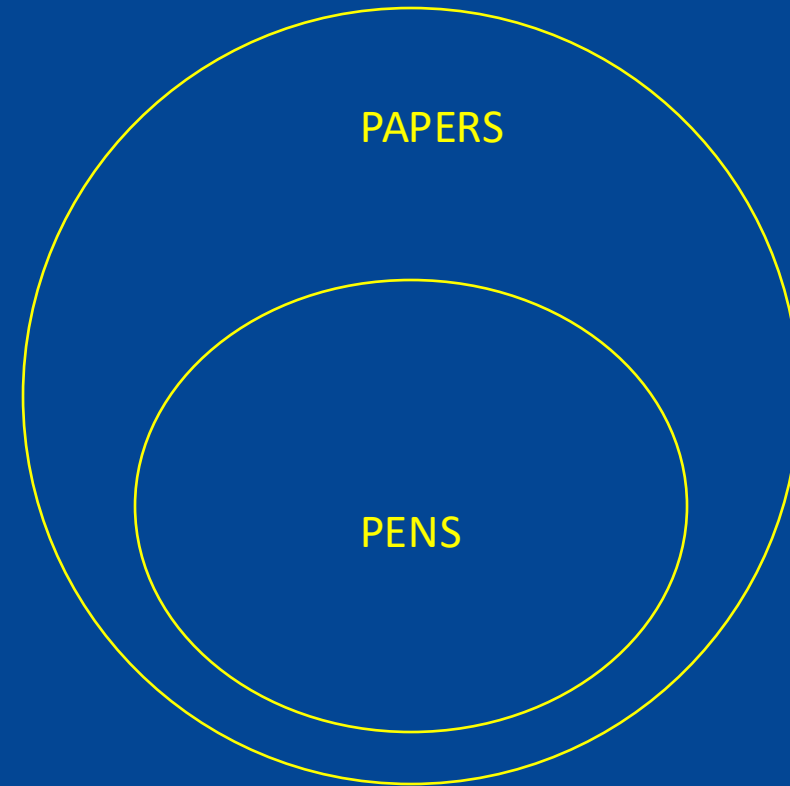
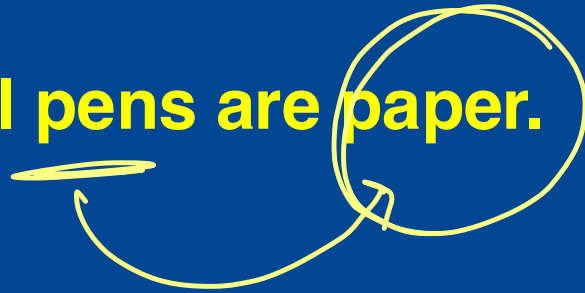
Venn Diagram

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



Rule 1:

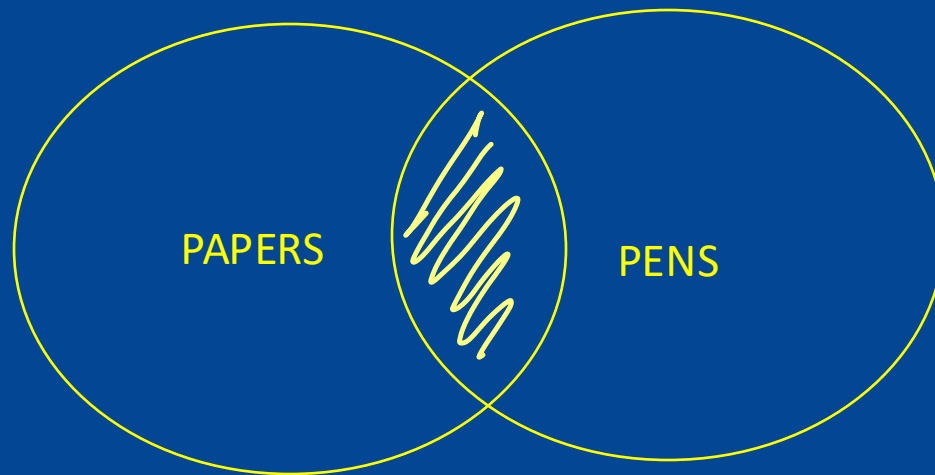
All pens are paper.





Rule 2:

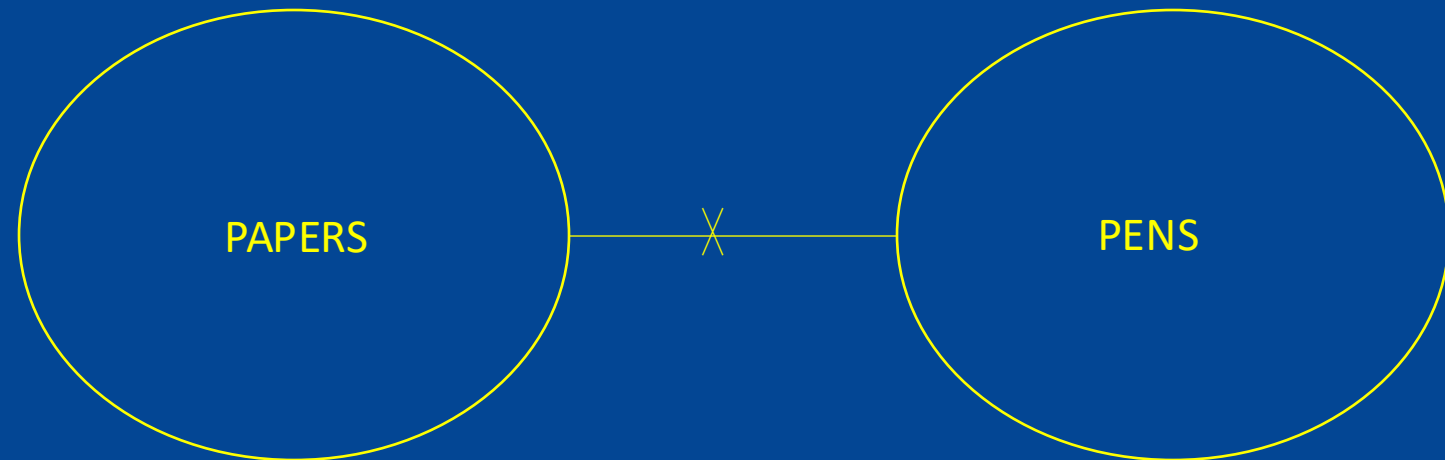
Some pens are paper.





Rule 3:

No pen is paper.

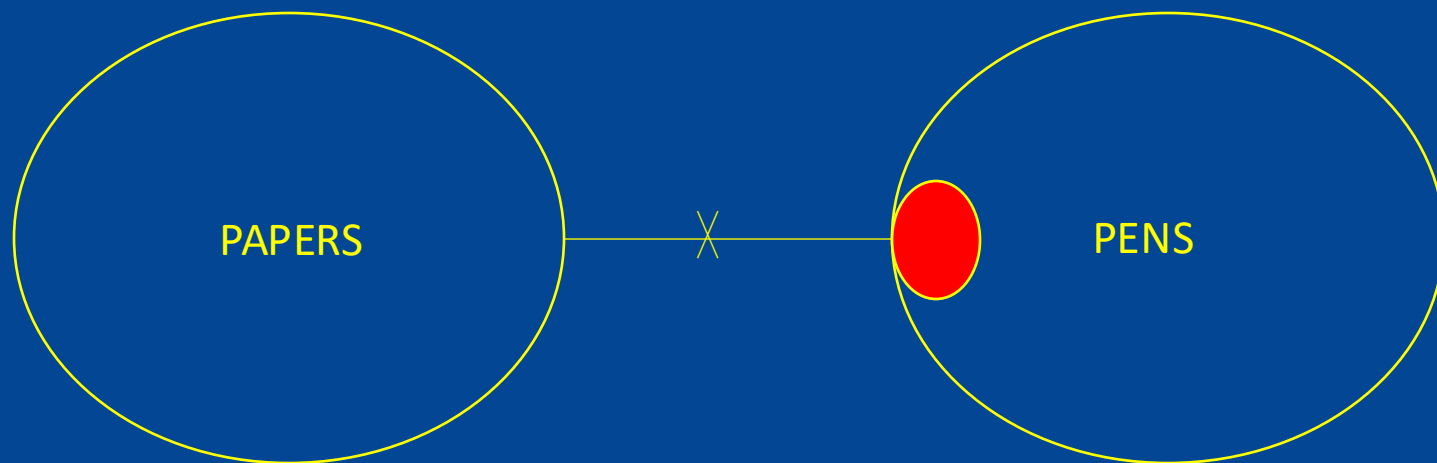




Rule 4:

Some pen is not paper.

- ① Use the relations that are given.
- ② Don't use your relations



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



Some plants are trees.

All trees are bushes.

Conclusions

1. Some bushes are plants

2. All bushes are plants

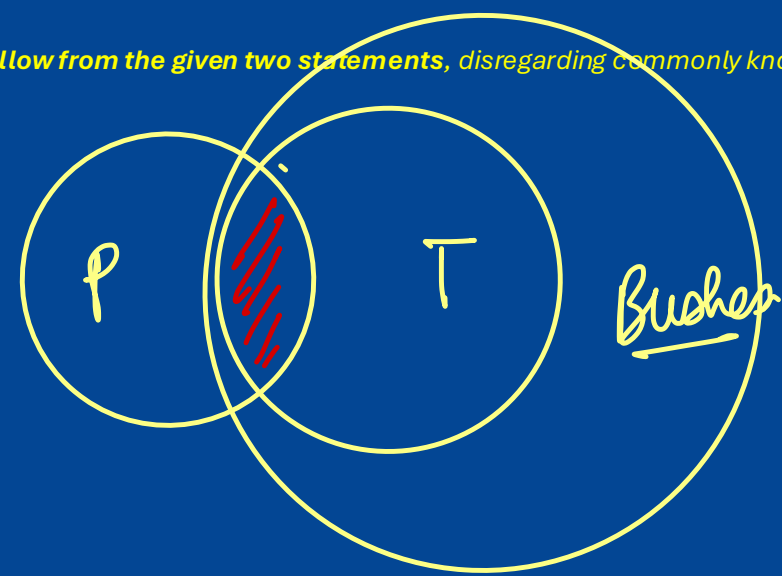
3. No bush is a plant

(a) Only conclusion 1 follows

(b) Only conclusion 3 follows

(c) Only conclusion 1 and 3 follow

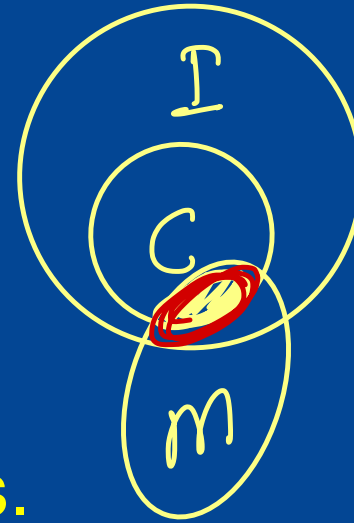
(d) Only conclusion 2 and 3 follow



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



All computers are instruments
Some machines are computers
Conclusions



- I. All instruments are computers
- II. Some machines are instruments.
- III. Some instruments are machines.

- (a) All the conclusion follow.
- (b) Only conclusions I and II follow.
- (c) Only conclusions II and III follow.
- (d) Only 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.

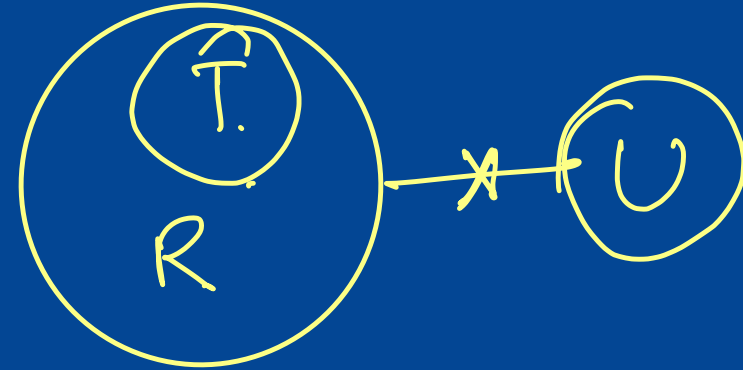


All teachers are researchers.
No researcher is unemployed.

Conclusions

- ~~I.~~ Some unemployed are teachers
- II. No teacher is unemployed
- ~~III.~~ Some teachers are unemployed

- (a) Only conclusion II follows.
- (b) Only conclusion I follows.
- (c) Only conclusion II and III follows
- (d) Only conclusion I and 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.

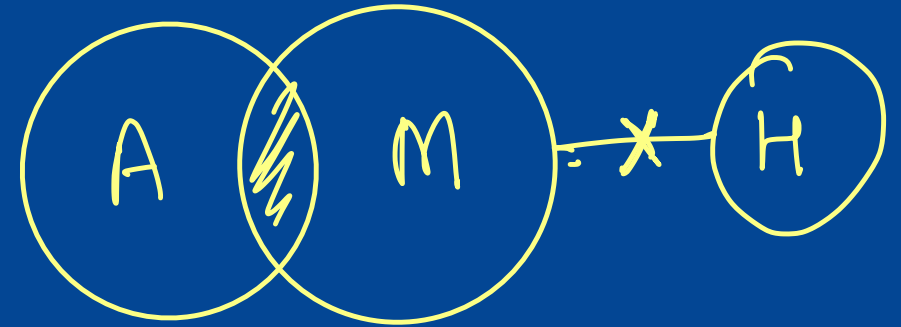


Some animals are mammals.

No mammal is herbivore.

Conclusion:

- I. No herbivore is a mammal.
- II. Some mammals are animals.
- III. No animal is herbivore.



(a) None of the conclusion follows.

(b) Only conclusion II and III follows.

(c) Only conclusion I and II follows.

(d) Only conclusion I and 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.



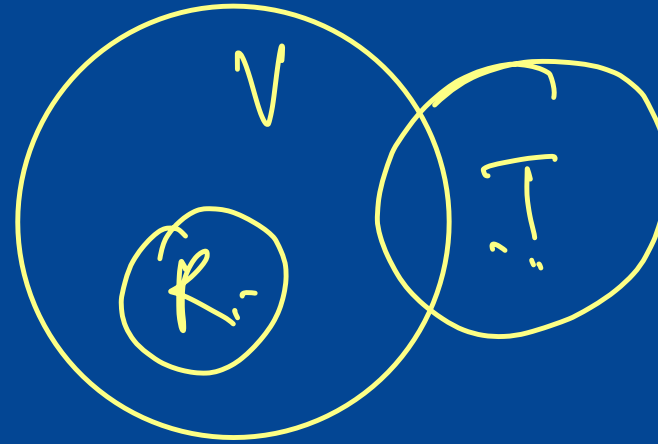
A. All roads are vehicles.

B. Some vehicles are trees.

Conclusions: *can be*

~~I.~~ Some trees are roads .

~~II.~~ All vehicles are trees.



(a) Both conclusion I and II follows.

(b) Only conclusion I follows.

(c) Neither conclusion I nor conclusion II follows.

(d) Only conclusion 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.



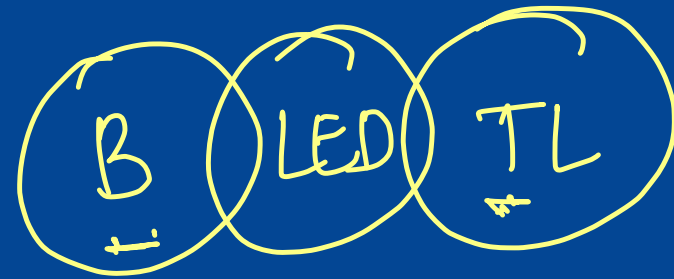
A. Some bulbs are LEDs

B. Some LEDs are tubelights.

Conclusions:

I. Some tubelights are bulbs.

II. No tubelight is a bulb.



} Complementary pairs
of conclusions.

(a) Neither conclusion I nor II follows.

(b) Only conclusion II follows.

~~(c) Either conclusion I or II follows.~~

(d) Only conclusion I follows.

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

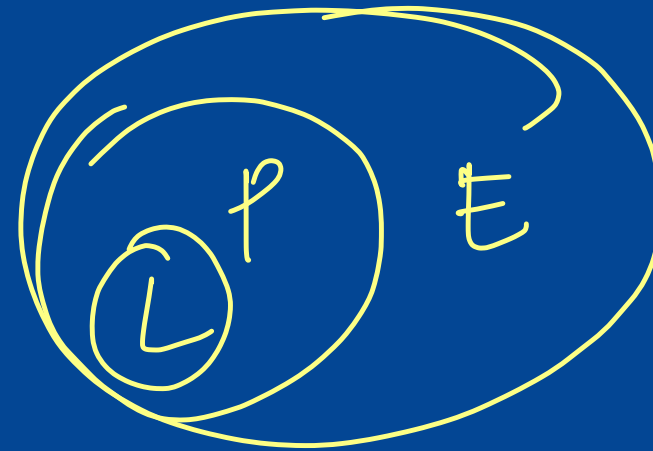


All leaders are politicians.

All politicians are eloquent.

Conclusions :

- ~~I. All leaders are eloquent.~~
- ~~II. All politicians are leaders.~~



(a) Both conclusions I and II follow.

(b) Only conclusion I follows.

(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.



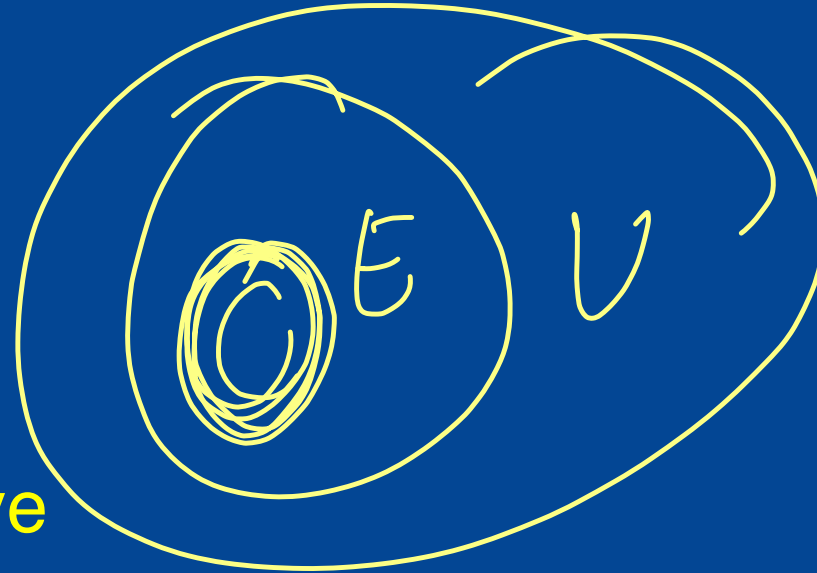
All Chairs are expensive.

All expensive are unique

Conclusions:

I. All chairs are unique

II. All unique are expensive



(a) Both conclusion I and II follows.

(b) Neither conclusion I and II follows.

(c) Only conclusion I follows.

(d) Only conclusion 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.



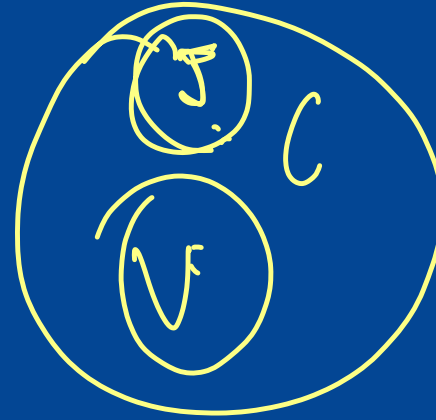
All vans are cats.

All jeeps are cats.

Conclusion:

~~1.~~ All van is jeep.

~~2.~~ Some jeeps are van.



(a) Only conclusion I follows.

~~(b)~~ Neither conclusion I nor II follows.

(c) Both conclusion I and II follow.

(d) Only conclusion 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.



Some bed sheets are towels

Some towels are pillow.

Conclusion:

- I. Some pillows are bed sheets
- II. No pillow is bedsheet.



Comp.
Pair's

- (a) Neither conclusion (i) follow nor conclusion (ii) follows.
- (b) Only conclusion (i) follows.
- (c) Only conclusion (ii) follows.
- ~~(d) Either conclusion (i) or conclusion (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.



No Table is lion.

All lions are bells.

Conclusions:

- ~~1. No bell is table.~~
2. Some bells are lions.



- (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.



Some roads are metros.

Some metros are cars.

Conclusion:

~~I. All cars are either roads or metros.~~

II. Some cars are metros.



(a) Only conclusion I follows.

(b) Neither conclusion I nor II follows.

(c) Only conclusion II follows.

(d) Either conclusion I or 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.



Some boxes are dolls.

All dolls are pens.

Conclusions:

I. Some boxes are pens.

II. Some pens are boxes.

III. Some pens are dolls.

IV. All pens are dolls.



(a) Only conclusion II, III and IV follow.

~~(b) Only conclusion I, II and III follows.~~

(c) Only conclusion I, II and IV follow.

(d) All the conclusions follows.

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

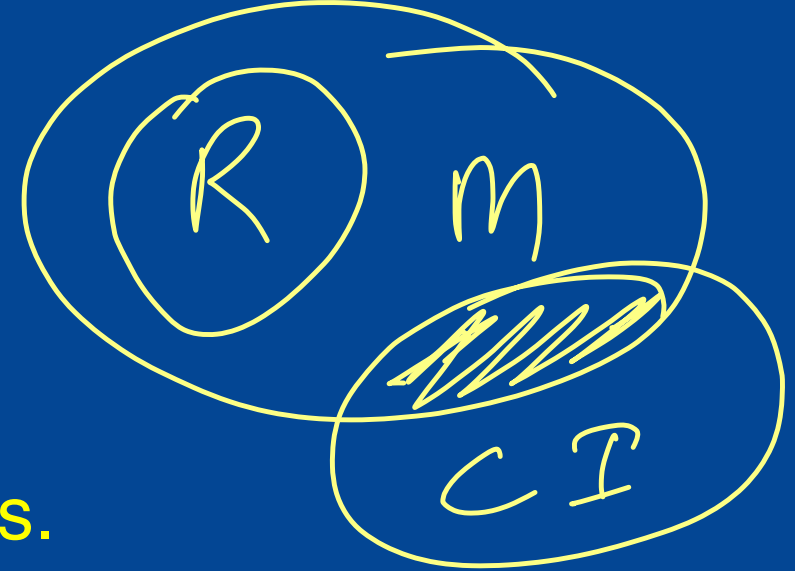


All rulers are machines.

Some machines are costly items.

Conclusions:

- ~~I. Some rulers are costly items.~~
- II. Some costly items are machines.
- ~~III. All costly items are machines.~~



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

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



Some cars are vehicles.

No vehicle is a four-wheeler.

Conclusions:

- ~~I. No car is a four-wheeler.~~
- ~~II. All four-wheelers are cars.~~
- III. Some vehicles are cars.



(a) Only conclusions I and II follow

(b) All conclusions follow

(c) Only conclusion III follows

(d) Only conclusion I follows

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



Some mobiles are instruments.

All instruments are heavy item.

Conclusions:

~~I. Some mobiles are heavy items.~~

~~II. No mobile is a heavy item.~~

III. Some heavy items are instruments.



(a) All conclusions follow.

(b) Only conclusion I follows.

(c) Only conclusion III and either conclusion I or II follows.

(d) Only conclusion I and III follows.



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