

**MAH-CET 2024 FOR
BCA BBA BBM BMS**

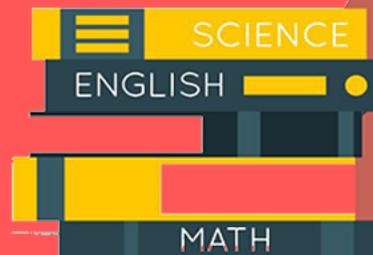


**CRASH
COURSE**

DAY - 23

REASONING

SYLLOGISM

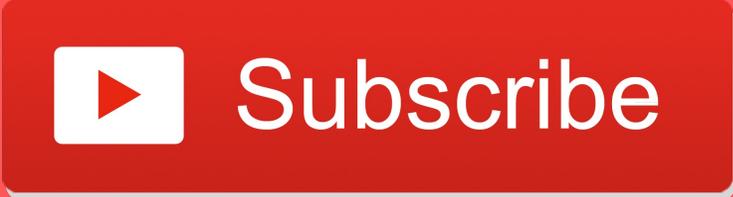




**TOTAL
QUESTIONS
TODAY:**

10

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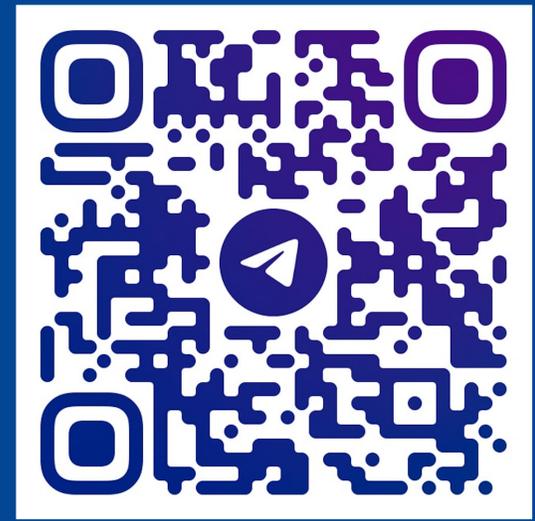
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What is Syllogism?

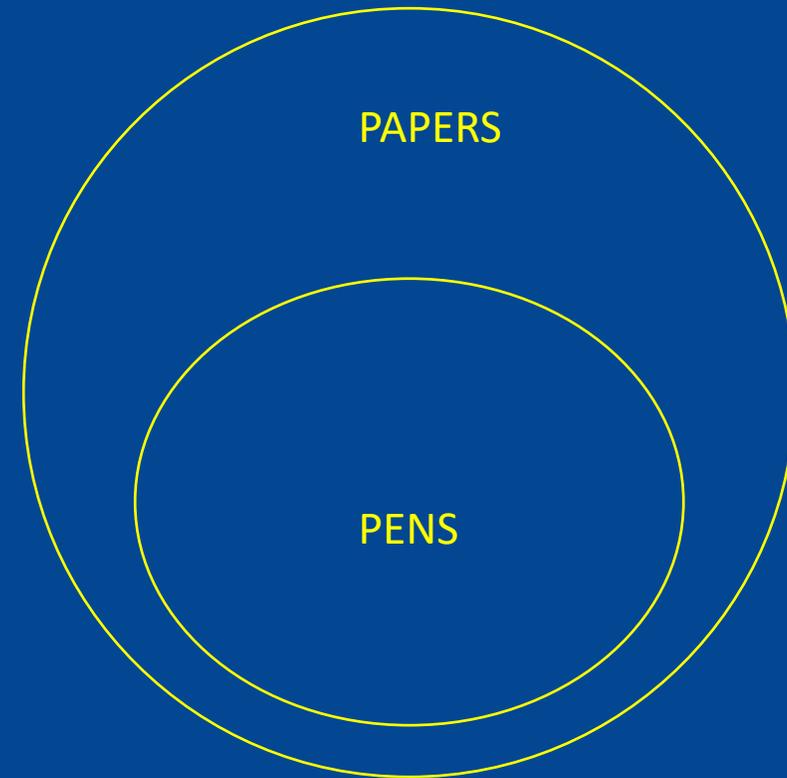


It contains statements and conclusions. You have to analyze the statements and derive the logical conclusions.



Rule 1:

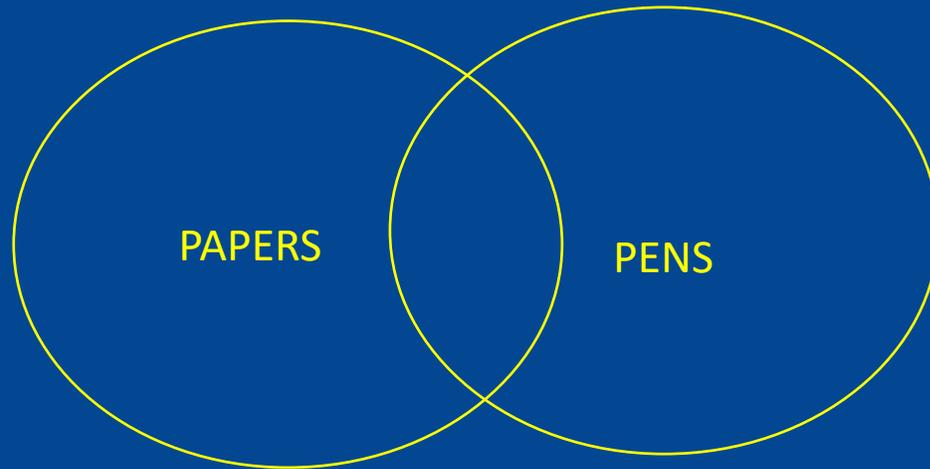
All pens are paper.





Rule 2:

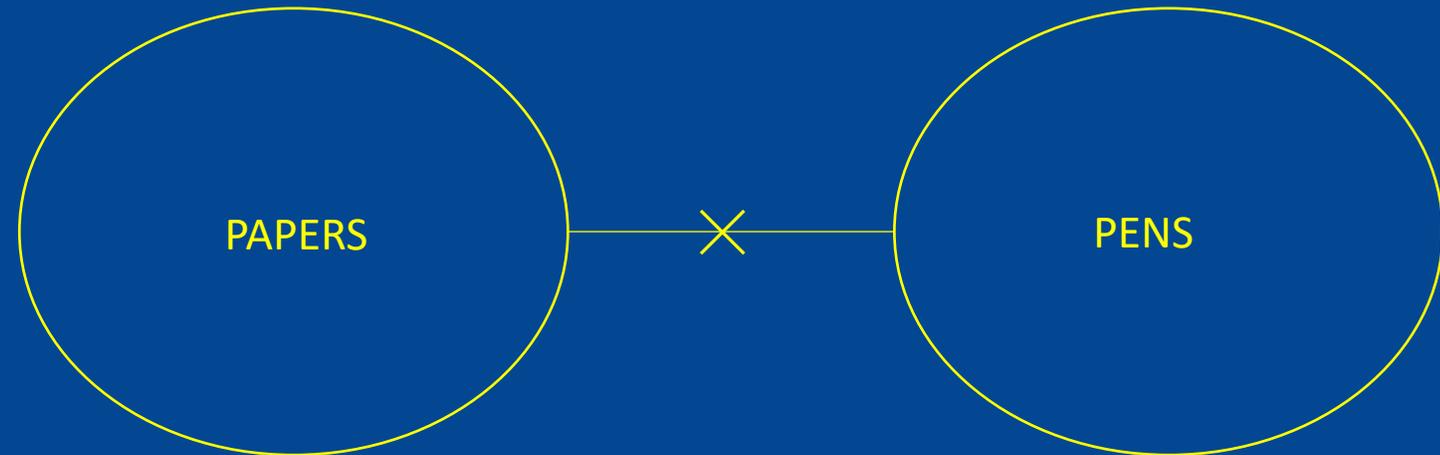
Some pens are paper.





Rule 3:

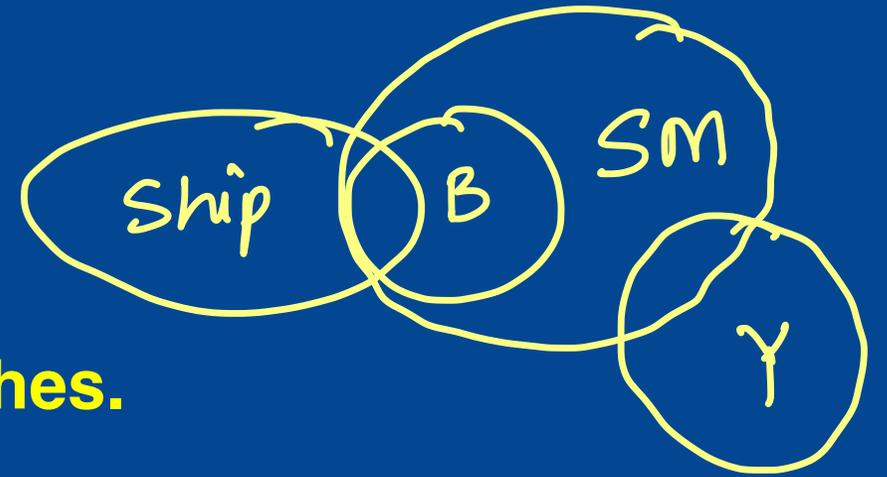
No pen is paper.





1. Statements:

- Some ships are boats.
- All boats are submarines.
- Some submarines are yatches.



Conclusion:

- I. Some yatches are boats. X
- II. Some submarines are boats. ✓
- III. Some submarines are ships. ✓
- IV. Some yatches are ships X

B

- A. All follow
- ✓ B. Only II and III follow
- C. Only III follows
- D. Only IV follows



2. Statements:

Samosas are Jalebi.

All Jalebis are Tikki.

All Tikkis are Barfi

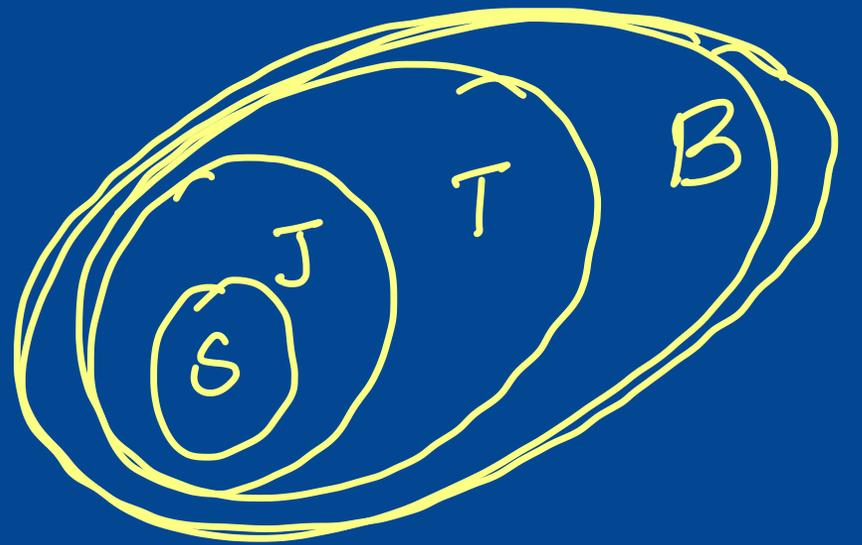
Conclusion:

I. All Jalebis are Barfi. ✓

II. All Tikkis are Samosas ✗

III. All Samosas are Barfi ✓

IV. All Barfi are Jalebi ✗



B

A. Only I and II follow

✓ B. Only I and III follow

C. Only II and III follow

D. All follow

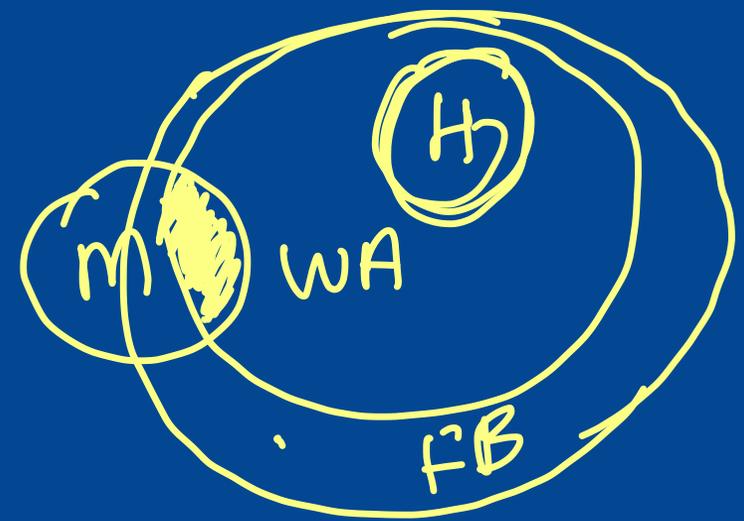


3. Statements:

Some messages are whatsapp.

All Hikes are whatsapp.

All whatsapp are facebook.



Conclusion:

C

I. Some facebook are messages ✓

II. All hikes are facebook ✓

III. Some messages are hikes ✗

IV. Some message are facebook ✓

A. All follow

B. Only I, II and III follow

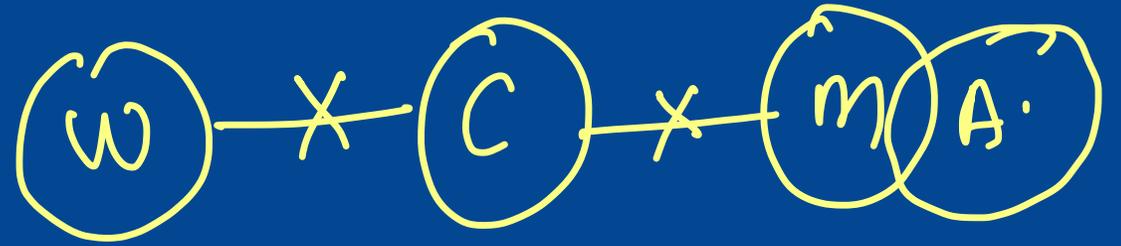
C. Only I, II and IV follow ✓

D. Only III and IV follow



4. Statements:

- No watch is cycle.
- No cycle is Motorbike.
- Some auto are motorbike



Conclusion:

- ~~I. No Motorbike is watch X~~
- II. No motor bike is cycle ✓
- ~~III. Some cycles are watches X~~
- ~~IV. All Motorbikes are watches X~~

D

- A. None follows
- B. Only I follows
- C. Only I and III follow
- D. None of these



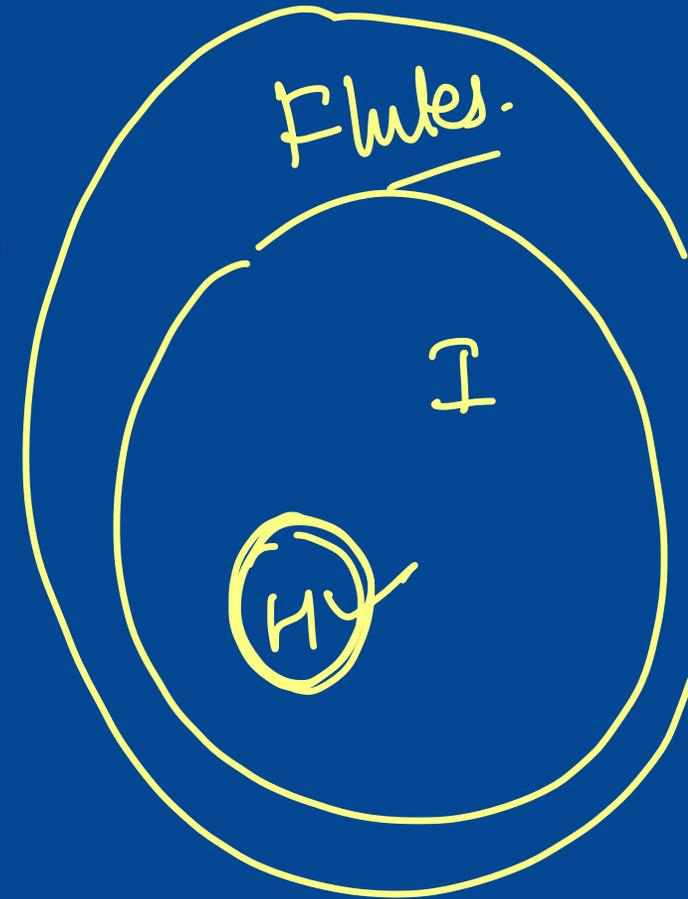
5. Statements:

All the harmoniums are instruments.
All the instruments are flutes.

Conclusions:

1. All the flutes are instruments. ✗
2. All the harmoniums are flutes. ✓

- A. Only (1) conclusion follows
- ✓ B. Only (2) conclusion follows
- C. Either (1) or (2) follows
- D. Both (1) and (2) follow





6. Statements:

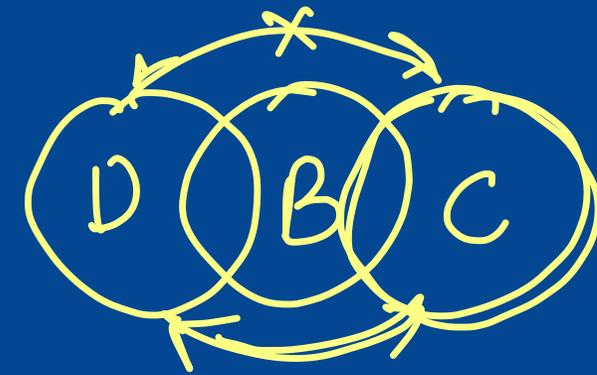
Some dogs are bats.

Some bats are cats.

Conclusion:

I. Some dogs are cats. ↗

II. Some cats are dogs.



A. None follows

B. Only I follows

C. Only I and II follow

✓ D. Neither (I) nor (II) follows



7. Statements:

All men are vertebrates.

Some mammals are vertebrates.

Conclusion:

1. All men are mammals. ✗
2. All mammals are men. ✗
3. Some vertebrates are mammals. ✓
4. All vertebrates are men. ✗

C

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





8. Statements:

Some tables are T.V.

Some T.V. are radios.

Conclusion:

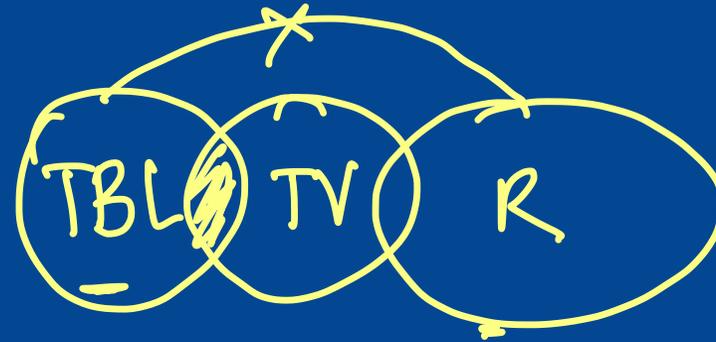
1. Some tables are radios. ✓
2. Some radios are tables. ✗
3. All the radios are T.V. ✗
4. All the T.V. are tables. ✗

A. Only (2) and (4)

B. Only (1) and (3)

C. Only (1) and (4)

✓ D. None of the four.





9. Statements:

Some pens are books.

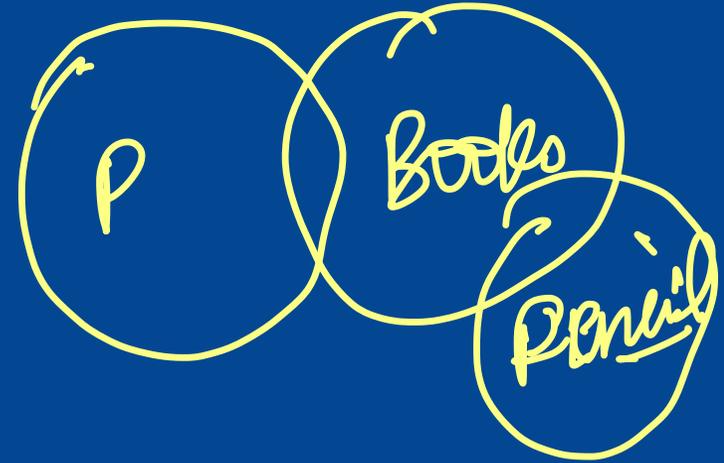
Some books are pencils.

Conclusion:

1. Some pens are pencils. ✗
2. Some pencils are pens. ✗
3. All pencils are pens. ✗
4. All books are pens. ✗

D

- A. Only (1) and (3)
- B. Only (2) and (4)
- C. All the four
- D. None of the four





10. Statements:

No door is dog.

All the dogs are cats.

Conclusion:

1. No door is cat. X
2. No cat is door. X
3. Some cats are dogs. ✓
4. All the cats are dogs. X

D

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



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DAY - 24



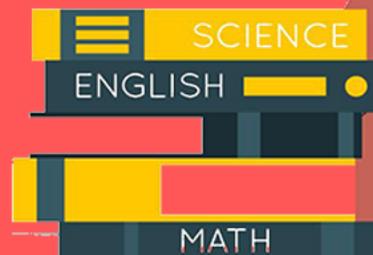
MATHS



**TIME, SPEED
& DISTANCE**



**CRASH
COURSE**





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