



Mahendra's



SSC CGL/CPO/CHSL

REASONING

SYLLOGISM

PART-1



LIVE

07:30 PM

TYPE OF STATEMENTS

+ve

Some

कुछ

No

नहीं

All

सभी

-ve

only

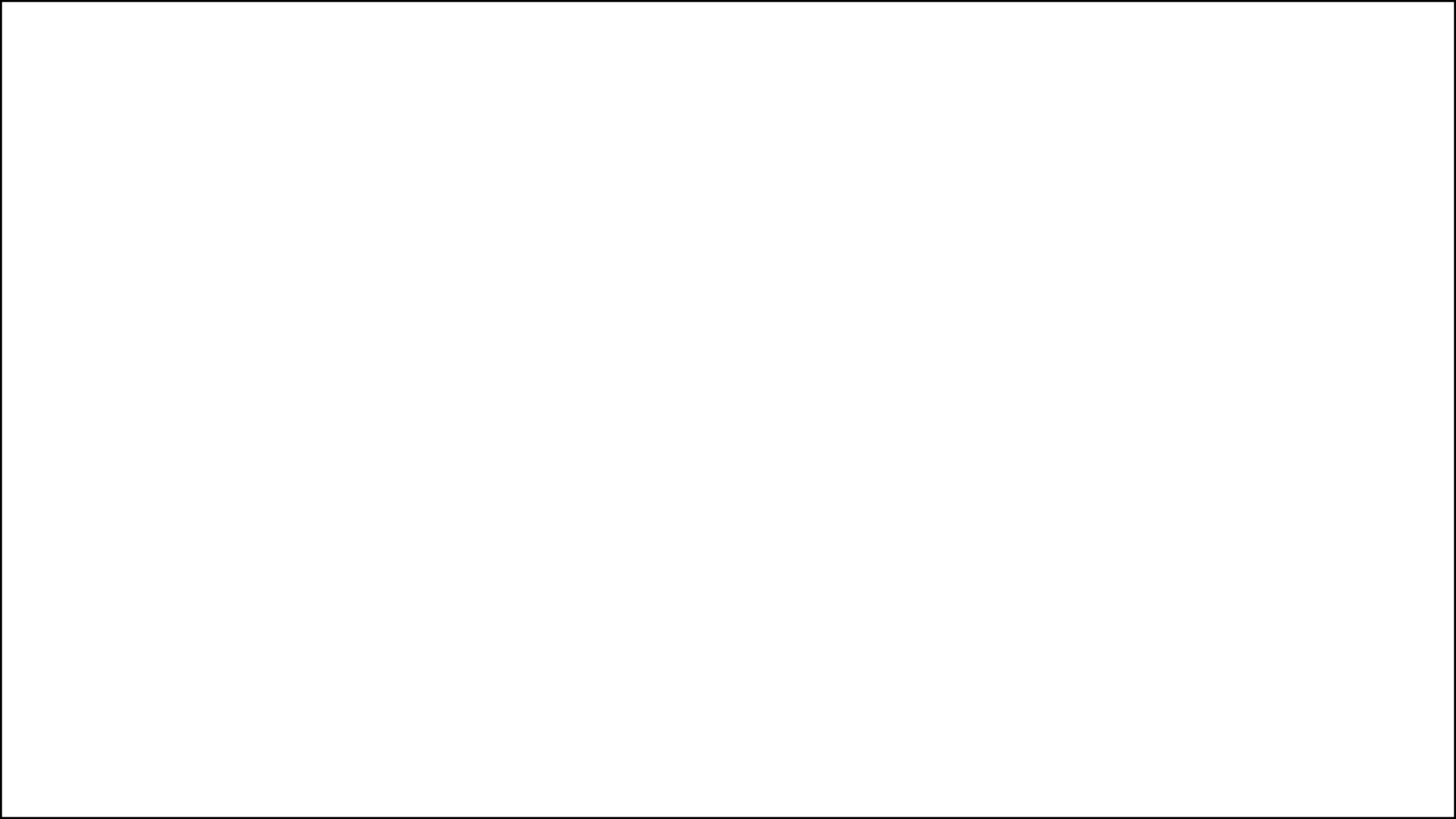
(केवल)

(I) Some A are B

(II) All A are B

(III) Some A are not B

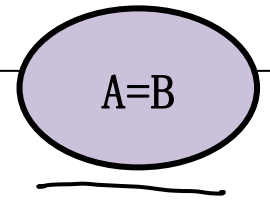
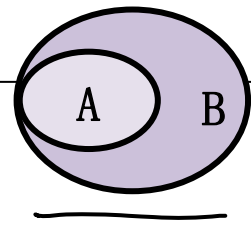
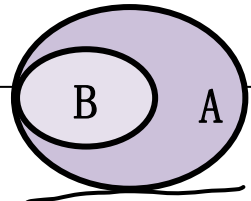
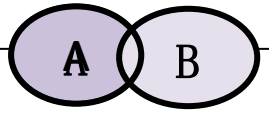
(IV) No A is B



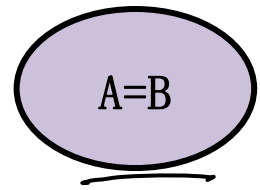
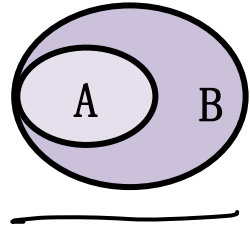
STATEMENTS MAIN DIAGRAM POSSIBLE DIAG. POSSIBLE DIAG. POSSIBLE

DIAG.

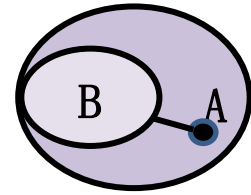
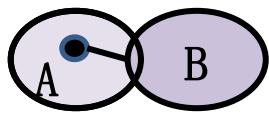
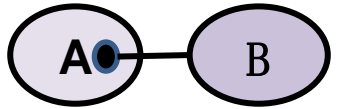
1. SOME A ARE B



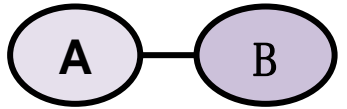
2. ALL A ARE B



3. SOME A ARE NOT B

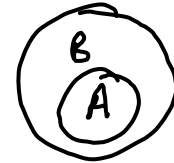
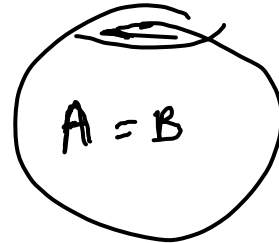
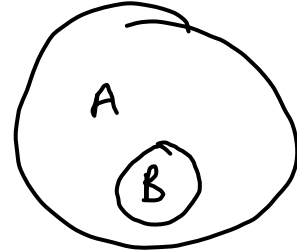
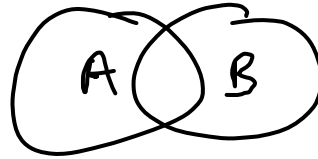
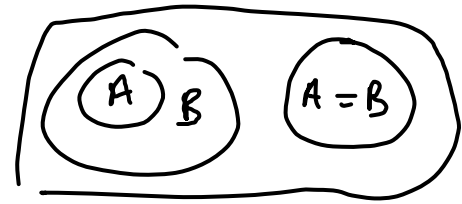


4. NO A ARE B



Some A are B

All A are B



STATEMENTS
DIAG.

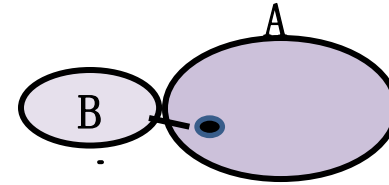
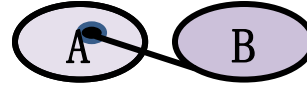
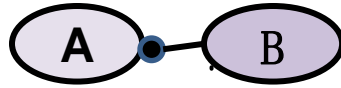
MAIN DIAGRAM

POSSIBLE DIAG.

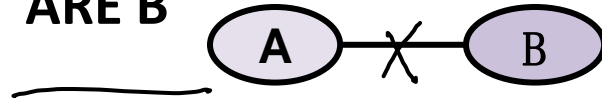
POSSIBLE DIAG.

POSSIBLE

3. SOME A ARE
NOT B



4. NO A ARE B



Definite (Possibility)

✓ → (X)

X → ✓

X → X

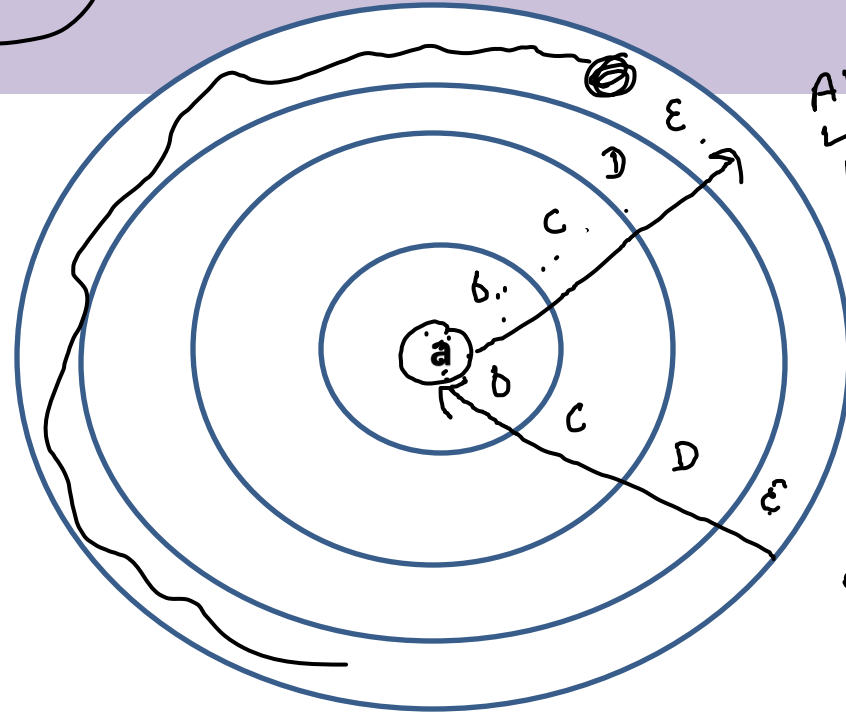
① Some Answer ✓ PX

ADVANCE CONCEPT OF ALL



STATEMENT

- All a are b (+)
- All b are c (+V)
- All c are d (+)
- ALL d are e (+)



All	Some	No	Some Not
✓	✓	x	x
P	P	P	P
x	x	x	x

All	Some	No	Some Not
x	✓	x	x
P	P	P	P
✓	x	x	✓

ADVANCE CONCEPT OF ALL

STATEMENT

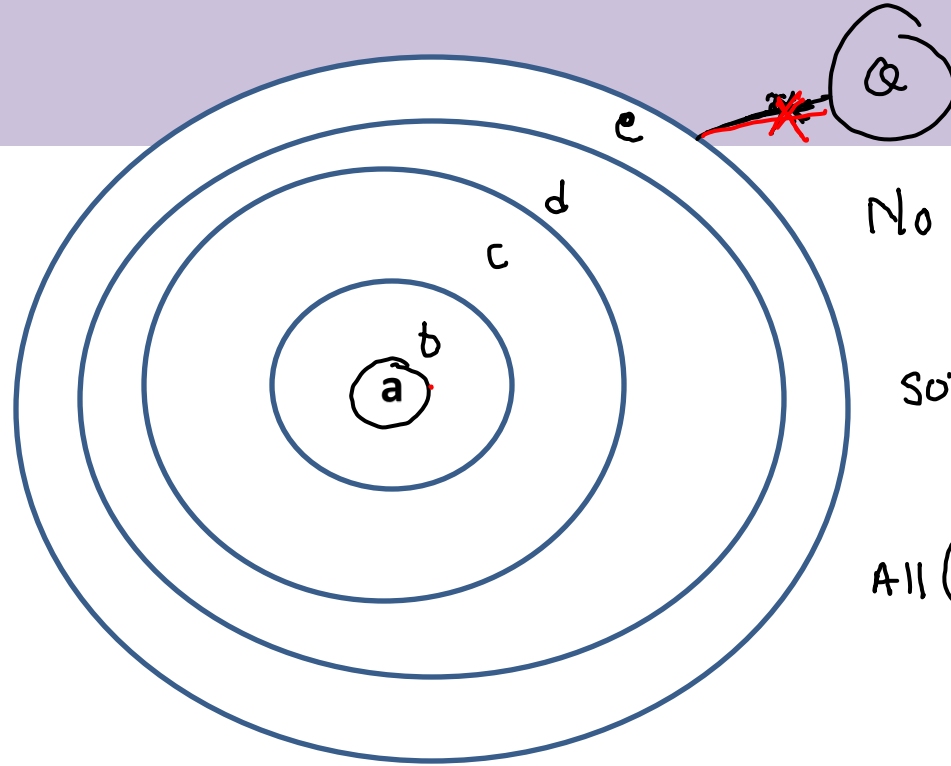
All a are b

All b are c

All c are d

ALL d are e

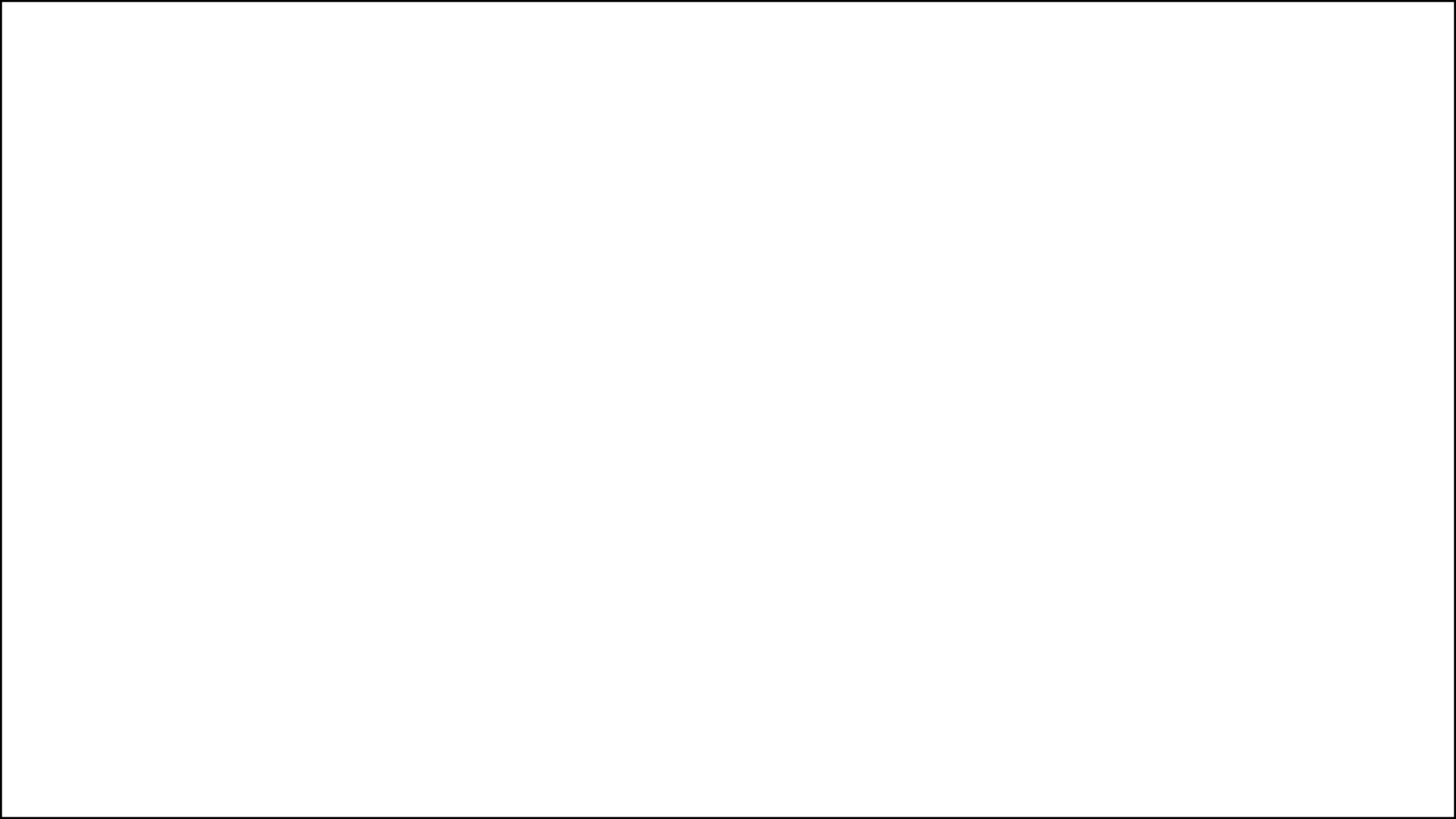
NO e are q



No (a, b, c, d) are q ✓

some (a, b, c, d) are q ~~✓~~ ~~✓~~

All (A, b, c, d) are q
✓ ~~✓~~

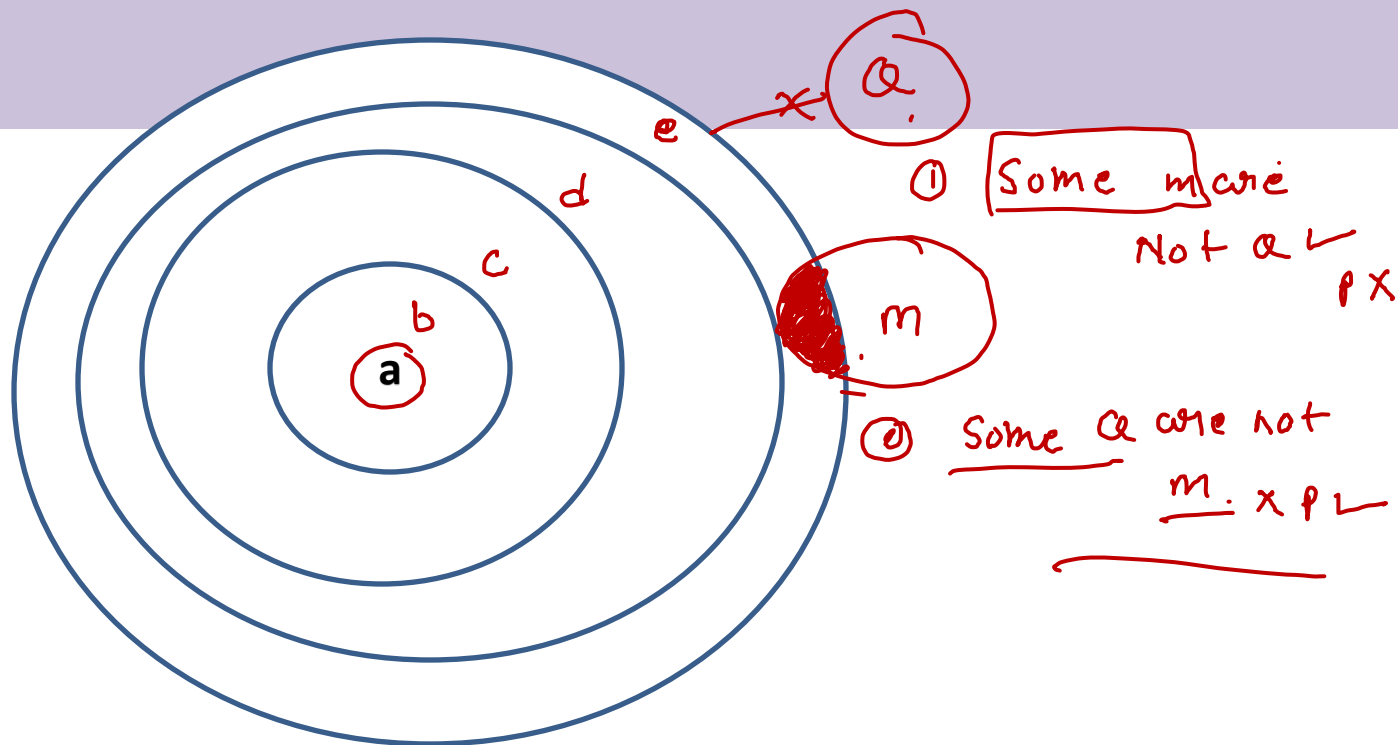


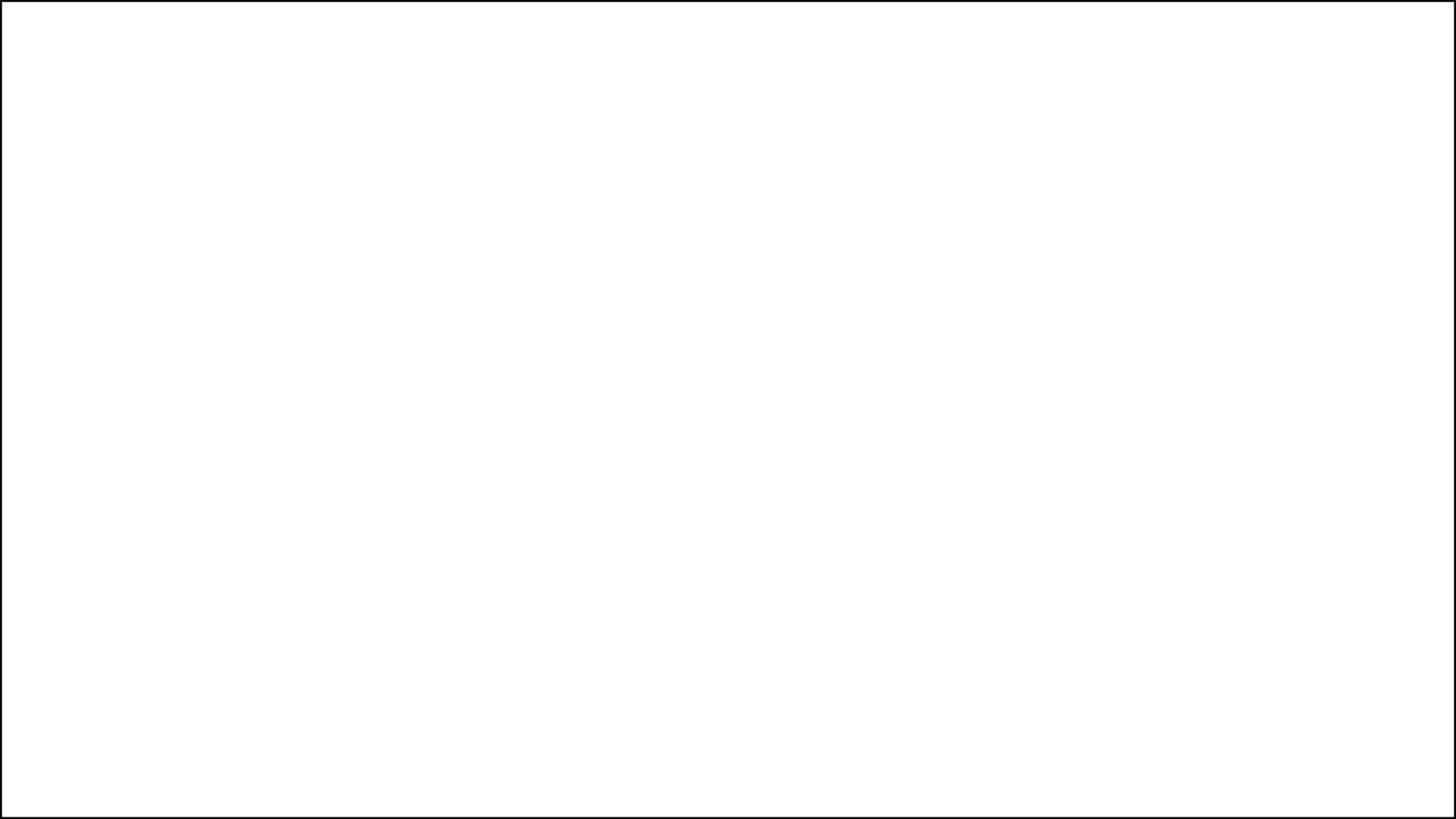
ADVANCE CONCEPT OF SOME NOT

STATEMENT

All a are b
All b are c
All c are d
ALL d are e
NO e are q

Some e are m



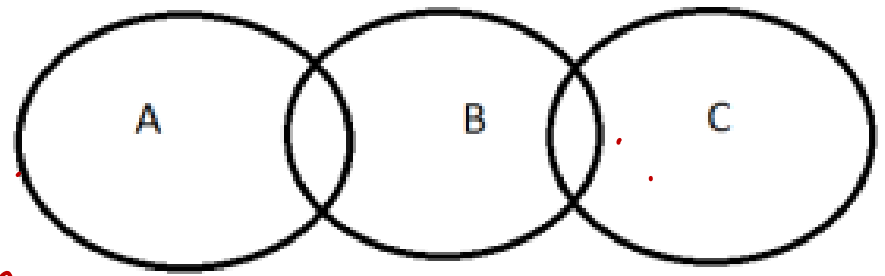


ADVANCE CONCEPT OF SOME



STATEMENT
SOME a are b
SOME b are c

- ① Some A are C x P ✓
- ② All A are C x P ✓
- ③ No A are C x P ✓
- ④ Some A are Not C x P ✓



- ① Some A are C x } either
No A are C x } or
- ② All A are C x } either
Some A are Not C x } or

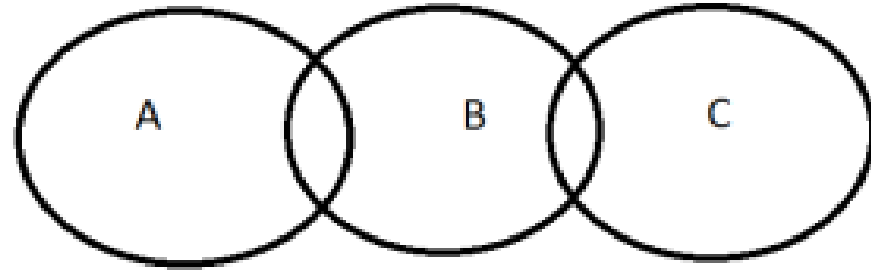
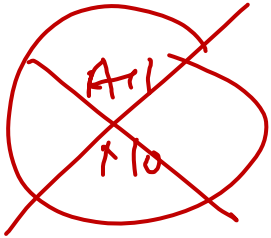
- ③ Some A are C x } either
Some A are Not C x } or

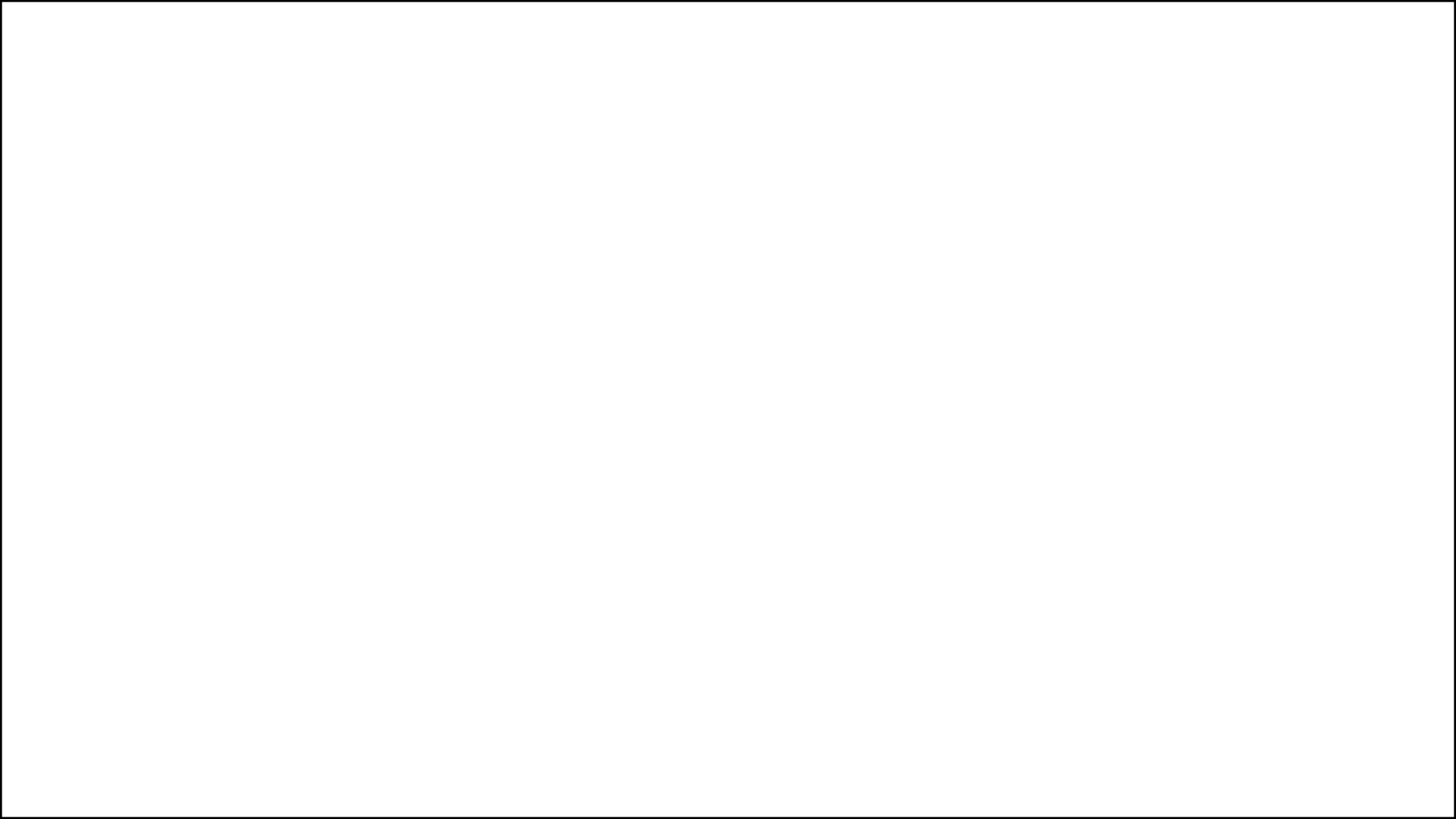
ADVANCE CONCEPT OF SOME

STATEMENT

SOME a are b

SOME b are c



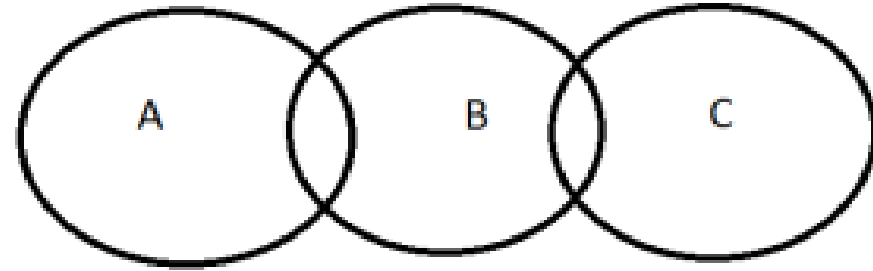


ADVANCE CONCEPT OF SOME

STATEMENT

SOME a are b

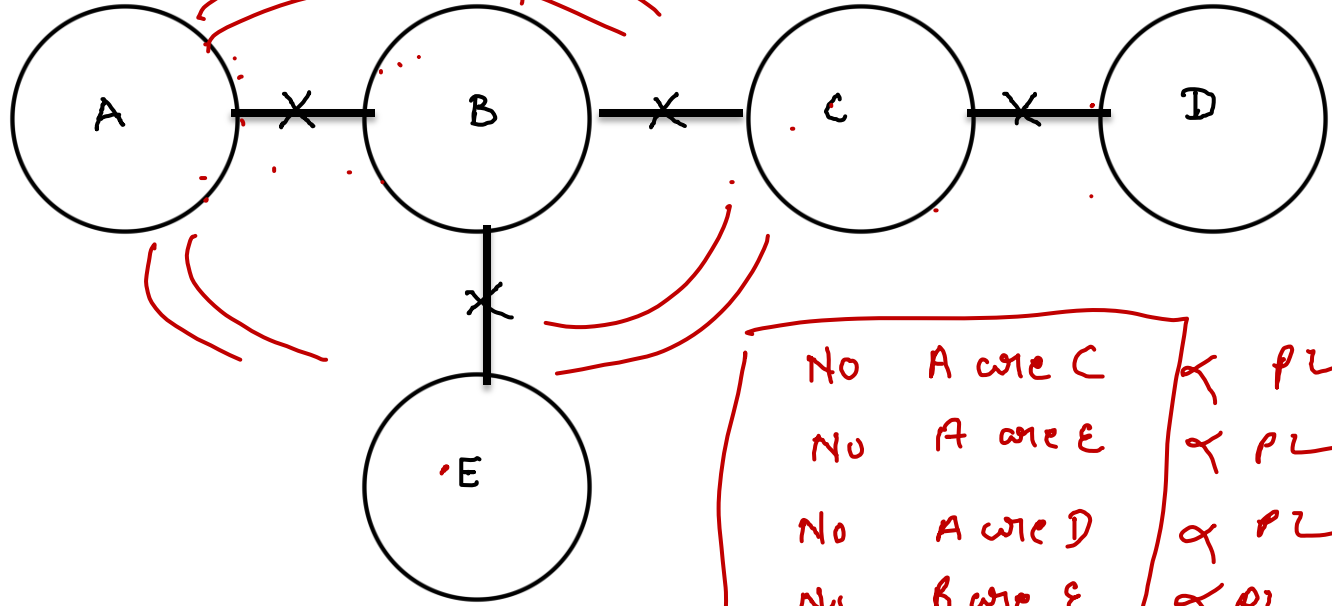
SOME b are c



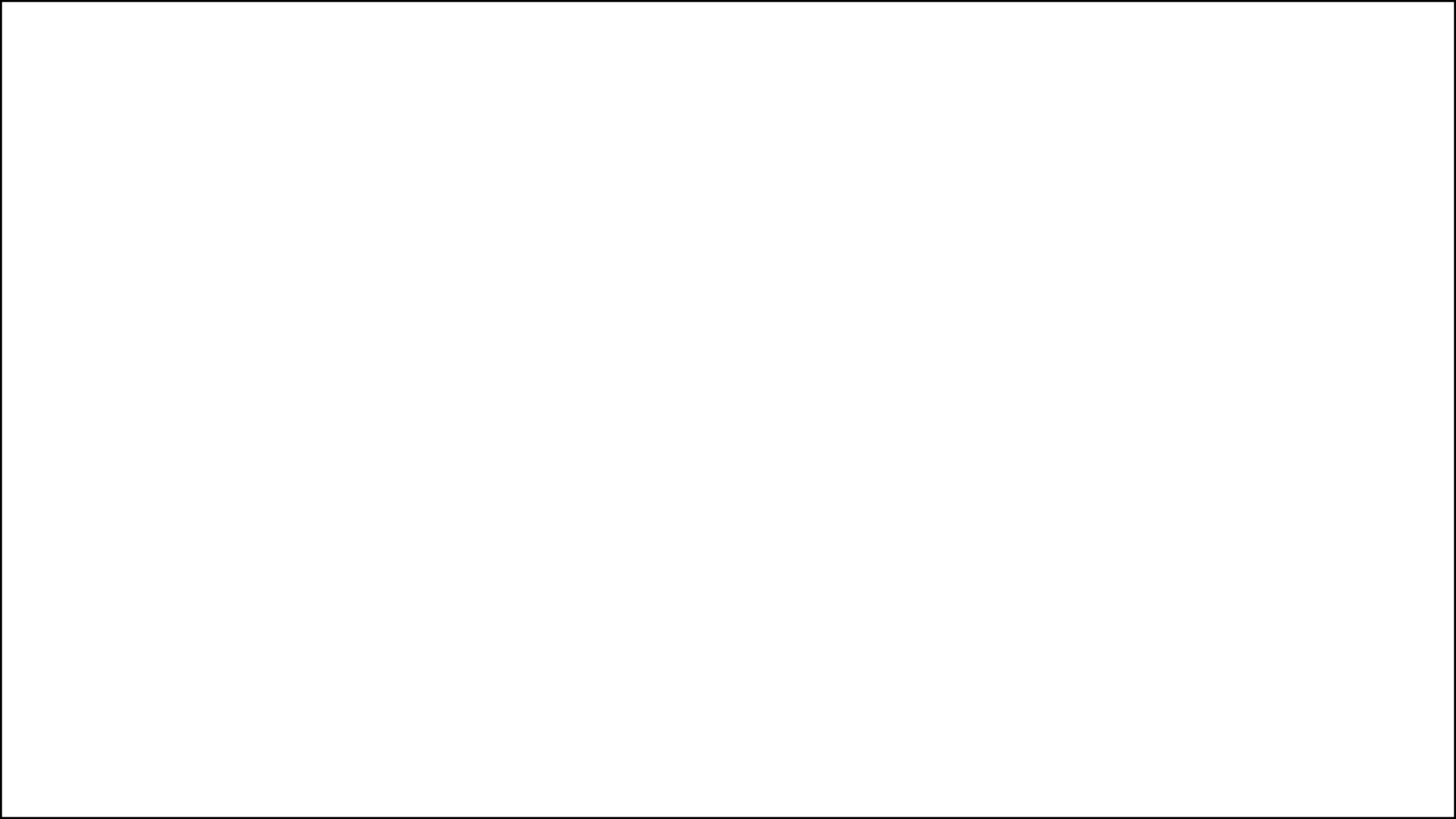
ADVANCE CONCEPT OF NO

STATEMENT

NO a are b
NO b are c
NO c are d
NO b are e



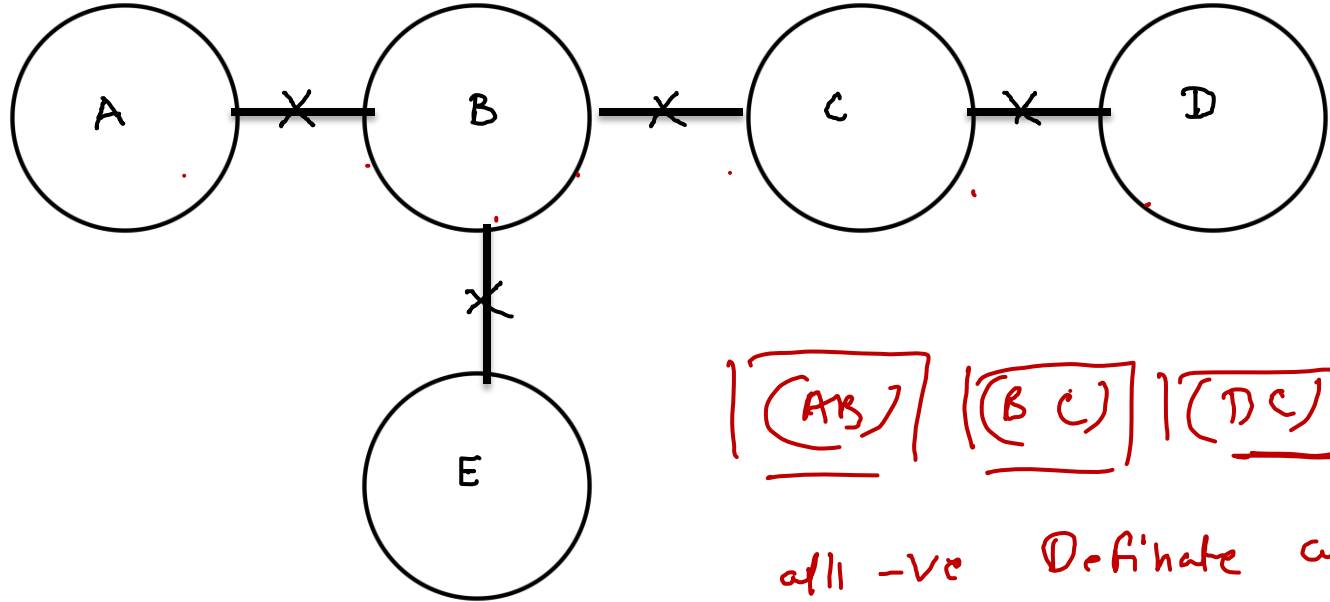
No A are C ✓ PL
No A are E ✓ PL
No A are D ✓ PL
No B are E ✓ PL



ADVANCE CONCEPT OF NO

STATEMENT

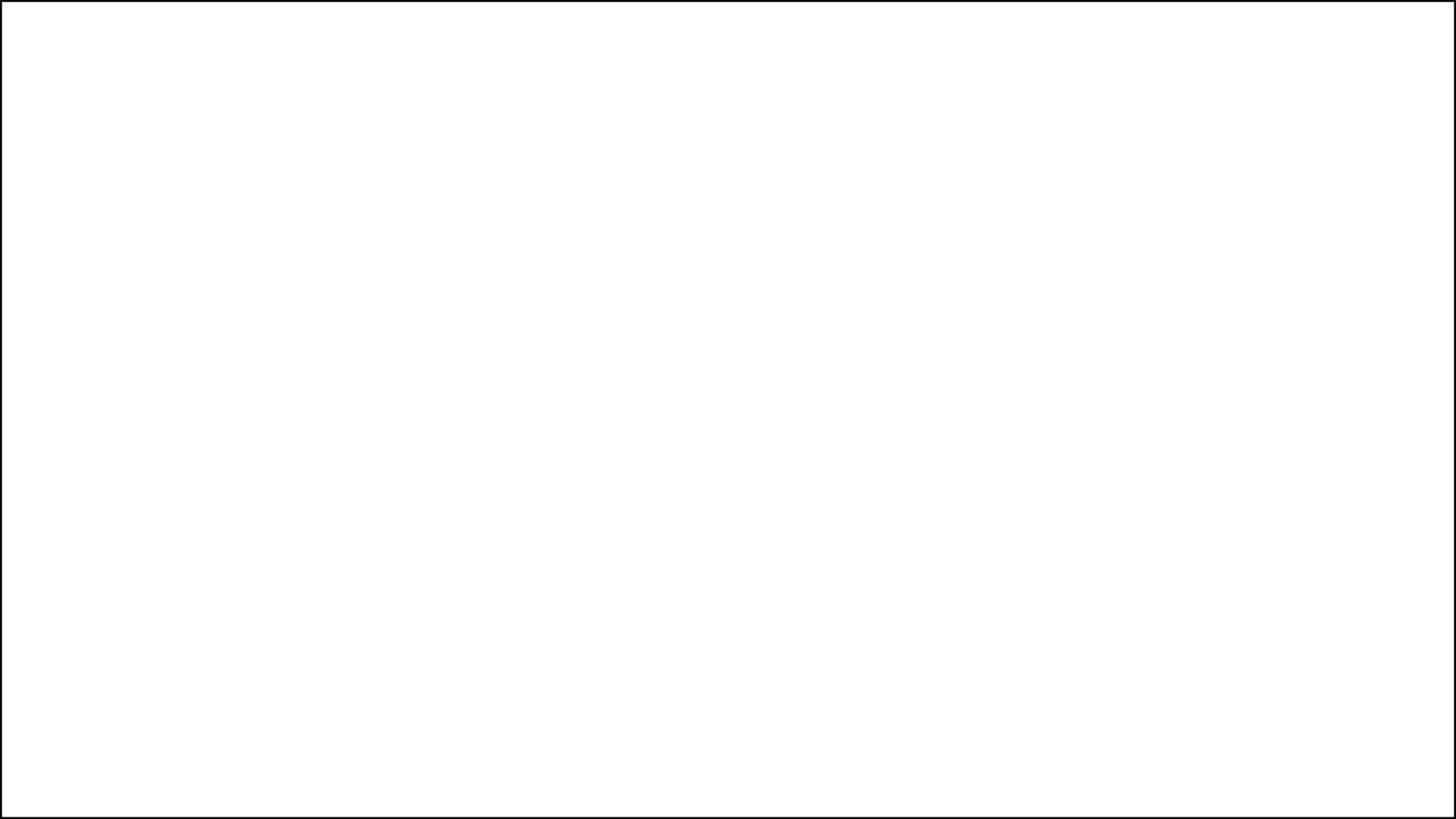
NO a are b
NO b are c
NO c are d
NO b are e



(A B) | (B C) | (D C) | (B E)

all -ve Definite case ✓

or all X



ADVANCE CONCEPT OF NO

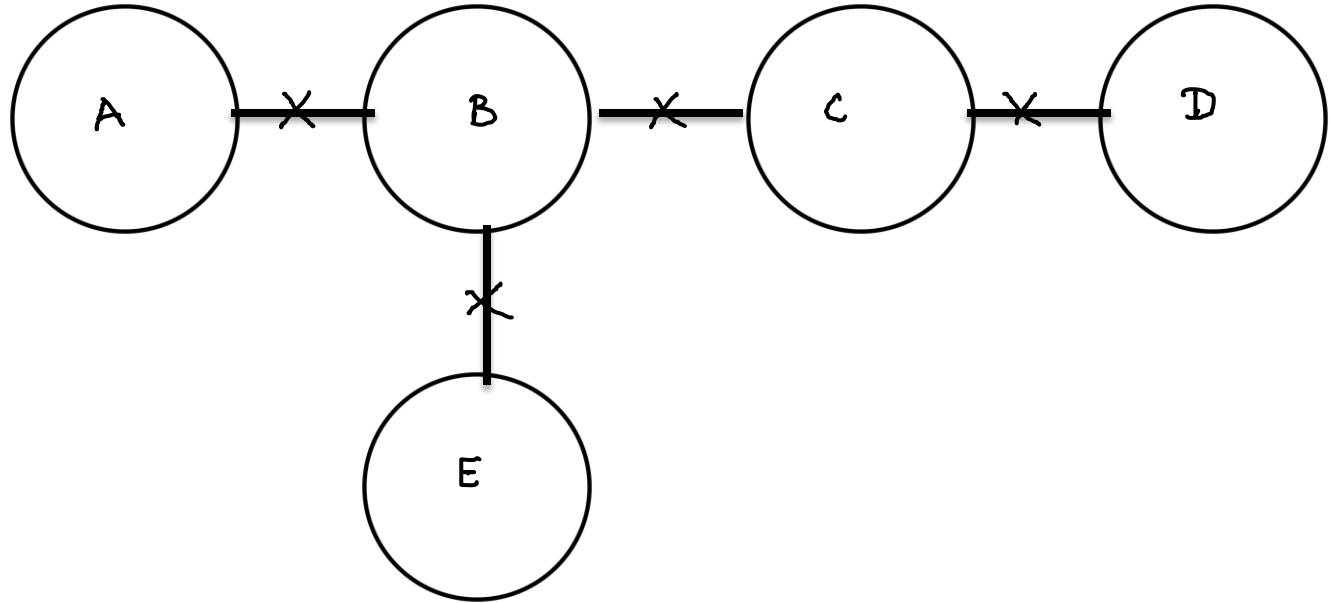
STATEMENT

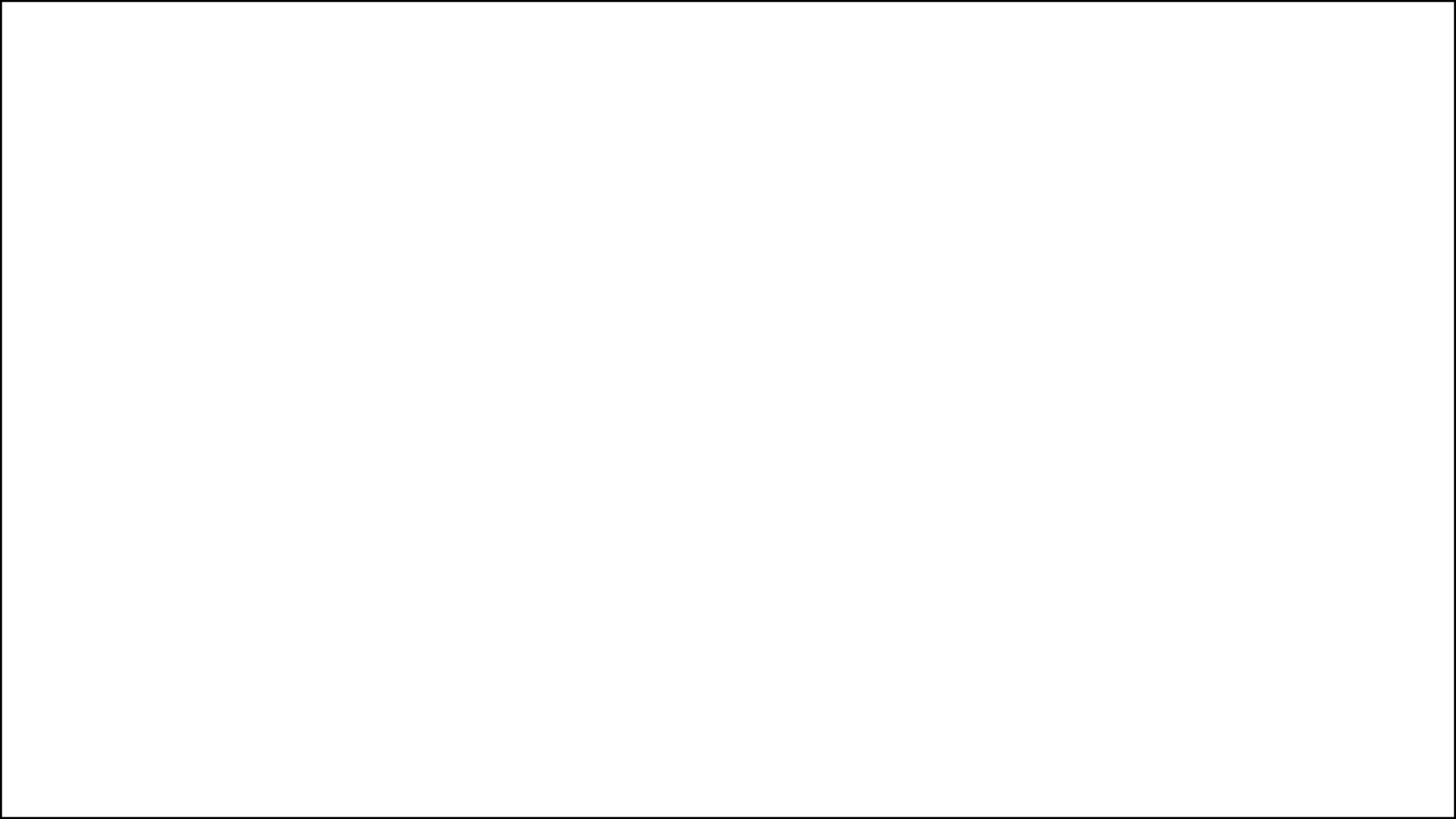
NO a are b

NO b are c

NO c are d

NO b are e

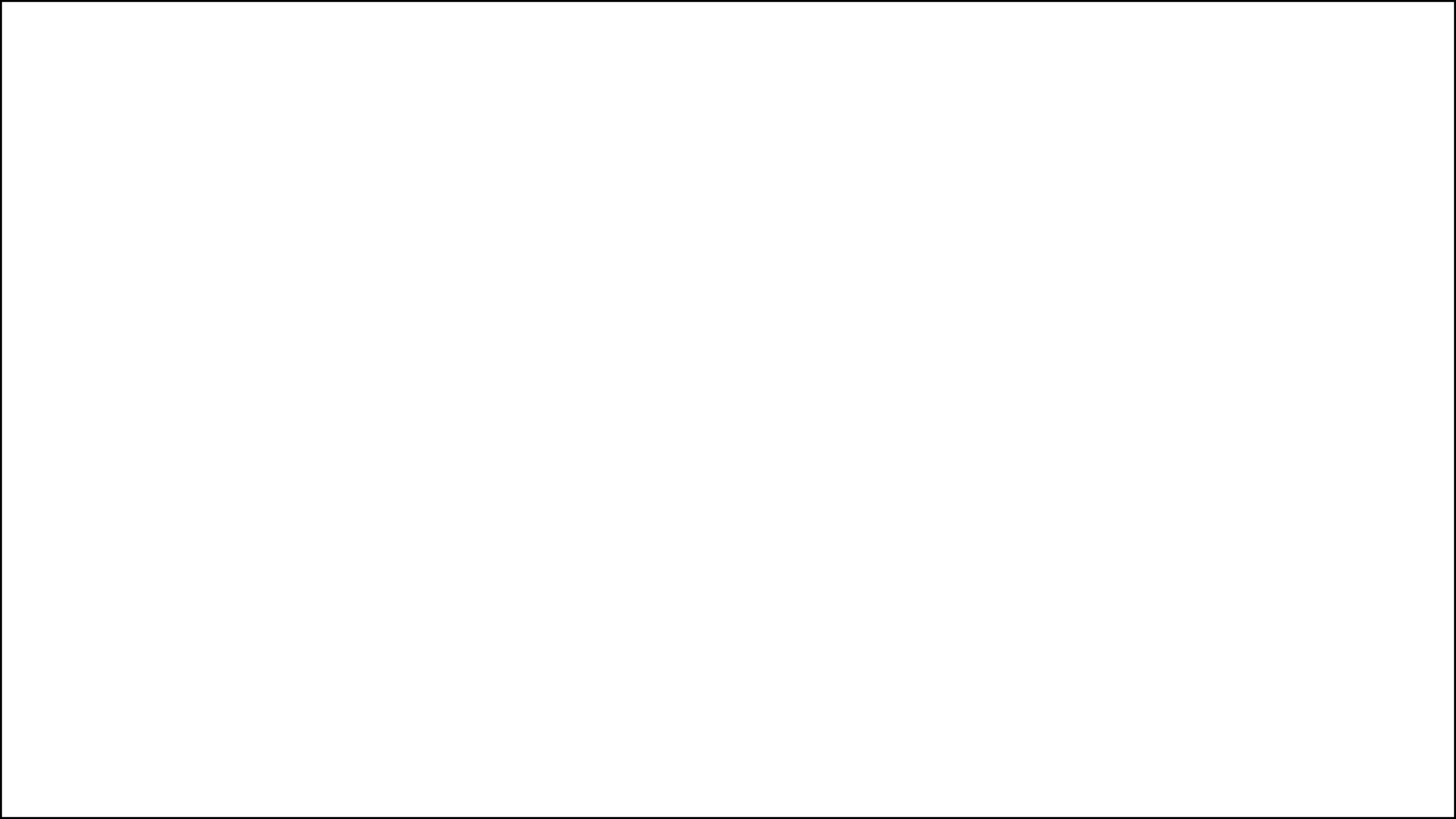




OPTION

- A. Only (1) conclusion follows ✓
- B. Only (2) conclusion follows ✓
- C. Either (1) or (2) follows ✓
- D. Neither (1) nor (2) follows ✓
- E. Both (1) and (2) follow ✓

- A. केवल (1) निष्कर्ष इस प्रकार है
- B. केवल (2) निष्कर्ष इस प्रकार है
- C. या तो (1) या (2) अनुसरण करता है
- D. न तो (1) और न ही (2) अनुसरण करता है
- E. दोनों (1) और (2) अनुसरण करते हैं



QUESTION AND ANSWERE

Statements:

All engineers are villagers.

No villager is a nurse.

All nurses are managers.

Conclusions:

No engineer is a manager. α

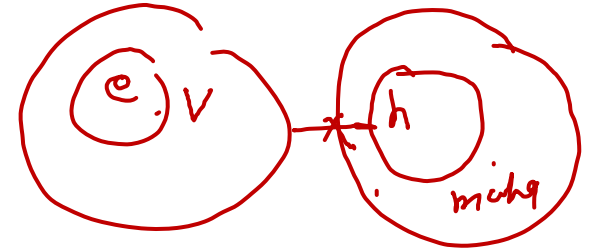
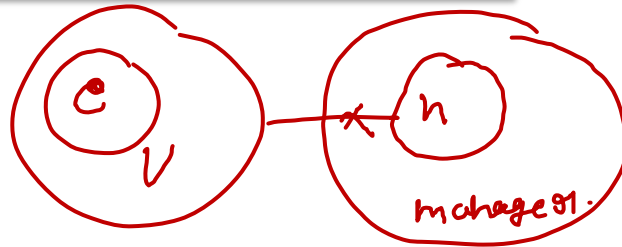
All villagers being managers is a possibility 

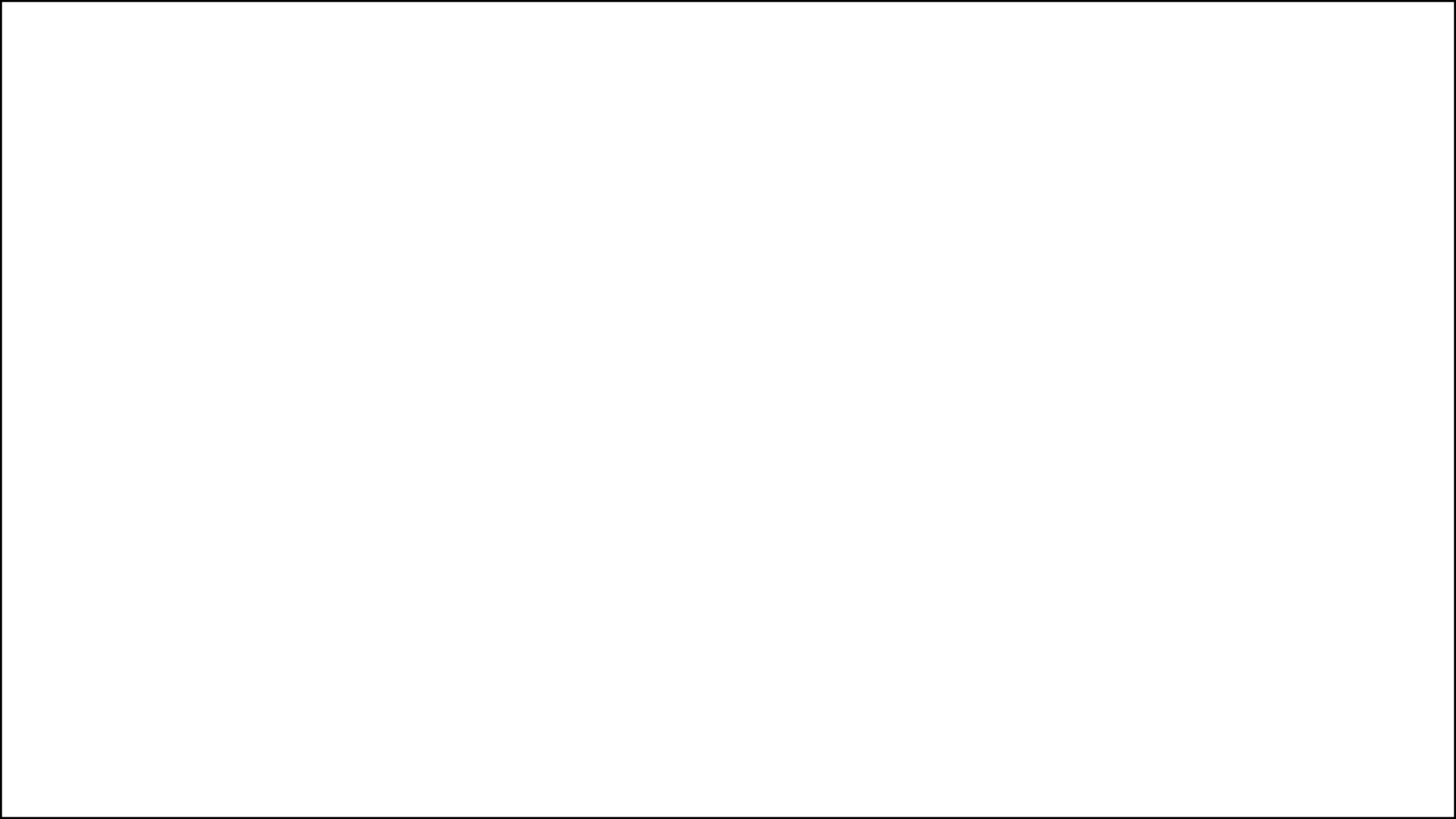
कथन: सभी इंजीनियर ग्रामीण हैं। कोई ग्रामीण नर्स नहीं है। सभी नर्स प्रबंधक हैं।

निष्कर्ष:

कोई इंजीनियर मैनेजर नहीं है।

सभी ग्रामीणों के मैनेजर होने की संभावना है



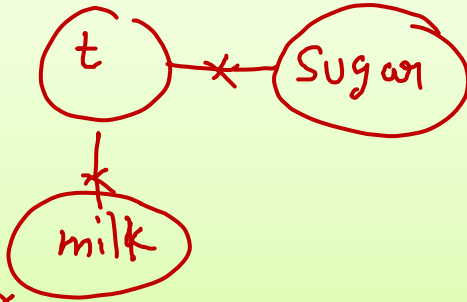


QUESTION AND ANSWERE

Statements:

No tea is sugar.

No milk is tea.



Conclusions:

I. No sugar is milk. α

II. All milk is sugar. α

कथन:

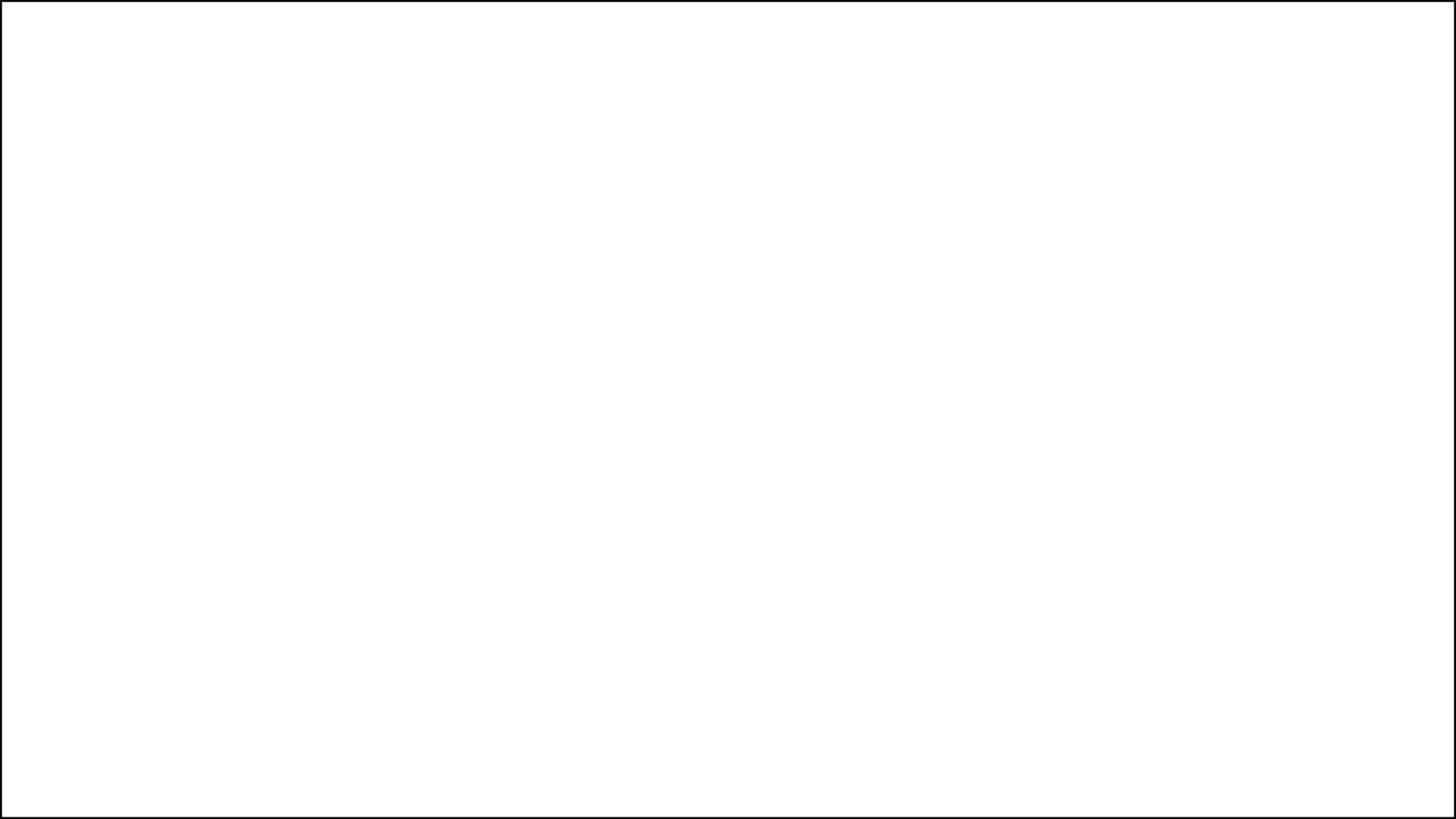
कोई चाय चीनी नहीं है।

कोई दूध चाय नहीं है।

निष्कर्ष:

I. कोई शुगर मिल्क नहीं है।

द्वितीय. सभी मिल्क शुगर है.



QUESTION AND ANSWERE

Statements:

Some papers are books. (+)
All papers are words. (+)

Conclusions:

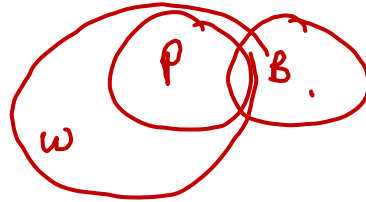
- I. All words being books is a possibility. ✓
- II. Some words are not papers. ✗

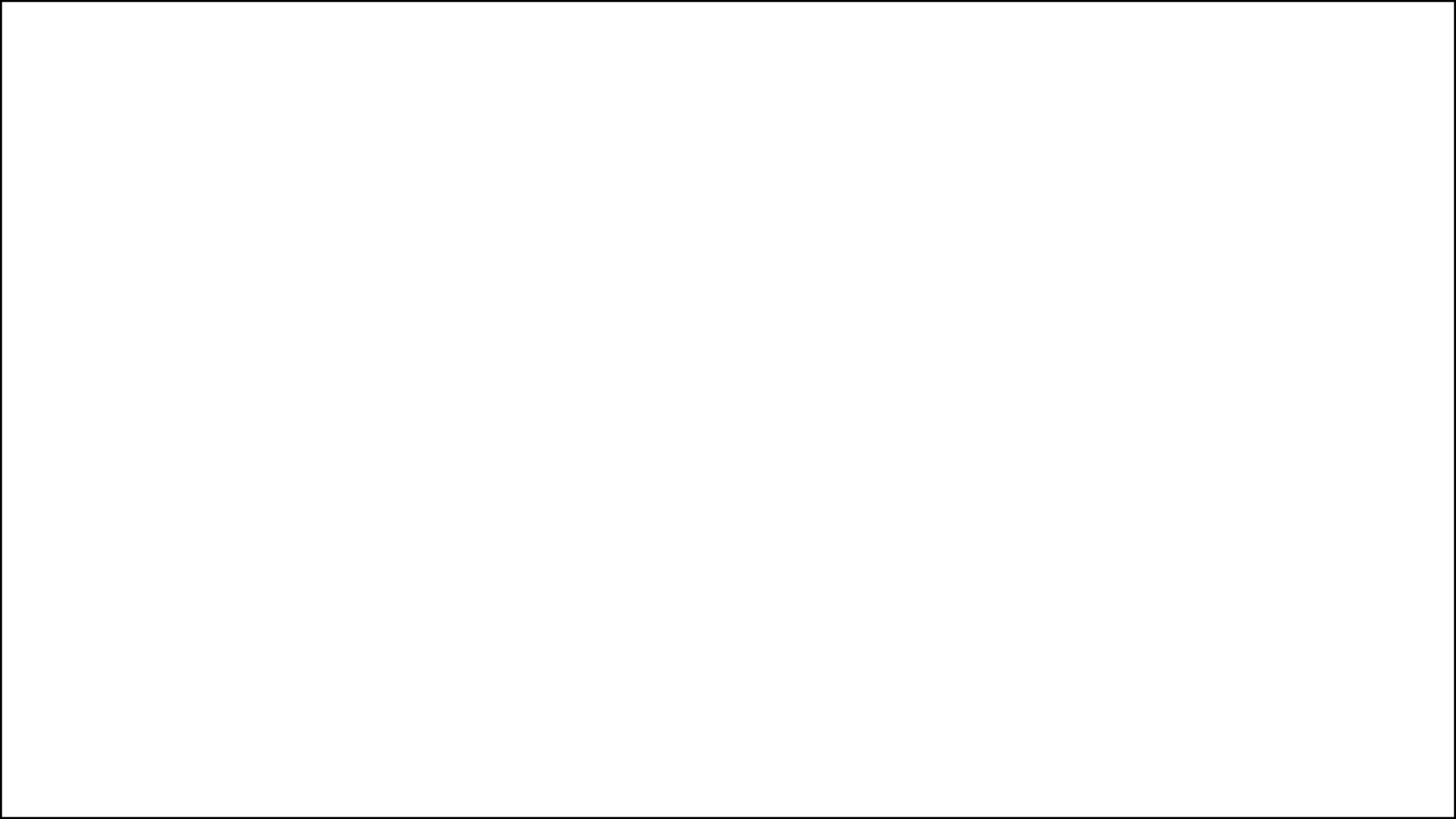
कथन:

कुछ पेपर बुक हैं। (+)
सभी पेपर वर्ड हैं। (+) > (-ve)

निष्कर्ष:

- I. सभी शब्दों के बुक होने की संभावना है।
- II. कुछ शब्द पेपर नहीं हैं। ✗





QUESTION AND ANSWERE

Statements:

No animal is a dog.

Some monkeys are animals.

All cats are dogs.

Conclusions:

I. No animal is a monkey.

II. All dogs are definitely not animals. ✓

कथन:

कोई जानवर कुत्ता नहीं है।

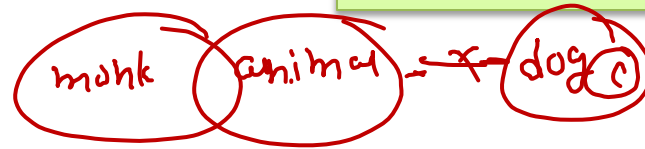
कुछ बंदर जानवर हैं।

सभी बिल्लियाँ कुत्ते हैं।

निष्कर्ष:

I. कोई जानवर बंदर नहीं है।

द्वितीय. सभी कुत्ते निश्चित रूप से जानवर नहीं हैं।



① X

② ✓

