

Kushal Arand

st & Conclusion

~~st~~  
~~All dogs are cats~~

st

✓

All

dogs

have

a

tail

✓

Logical

gradeup

Prep Smart. Score Better.

Q1-2

Syllogism Basics

100, 50

venn



All

Agenda of the session

Some

NO

Some NOT

Rule 1

✓ 100% Sure = ✓ = ✓

ex → All India is in Asia.

100% Sure = X = ✓

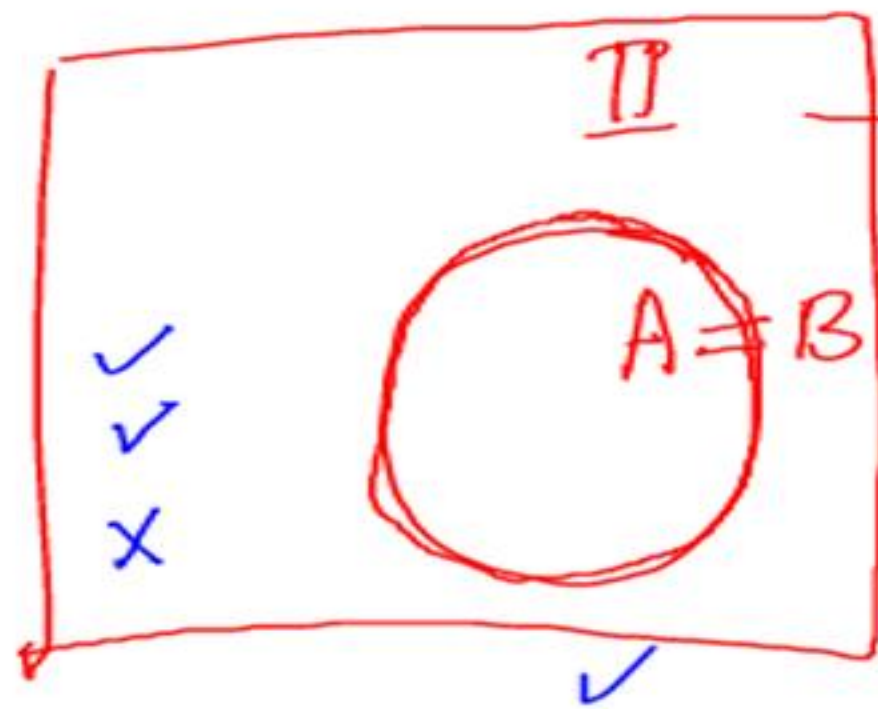
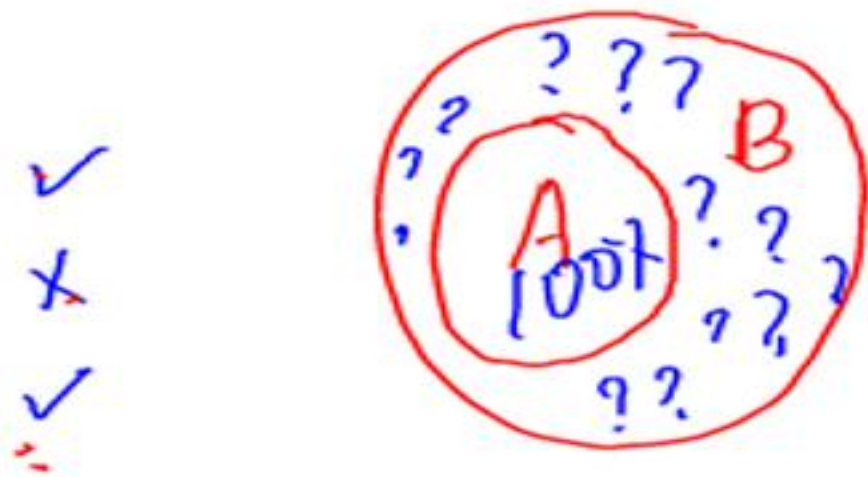
ex → NO America is India.

1-99% Sure = Doubt = X

ex → POK is part of Pakistan. X



St  $\rightarrow$  All A is B



Con 4 ① Some A is B ✓

② All B is A ✗

③ Some B is not A ✗ Doubtful

④ Some B is A

Rule 2:-

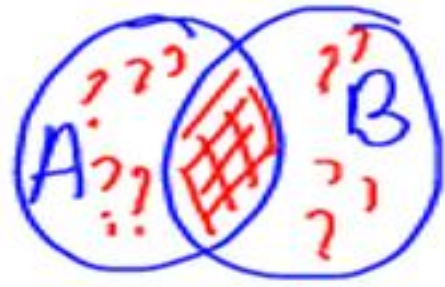
Draw least overlapping diagram.  
→ No extra conclusion should come out.

→ If we have to have a extra conclusion  
prefer Some over All.

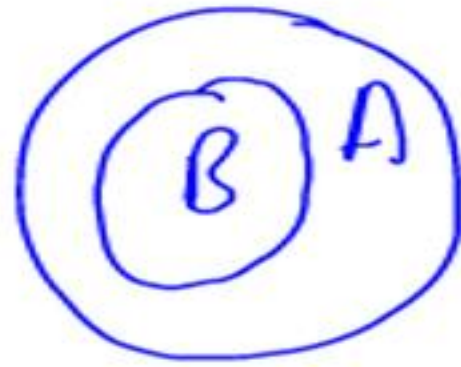
→ At the last we can go for All  
as extra conclusion.



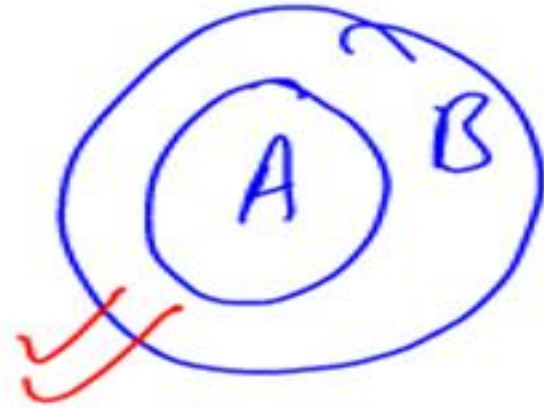
St Some A is B.



I



II



III



IV

Extra conclusion

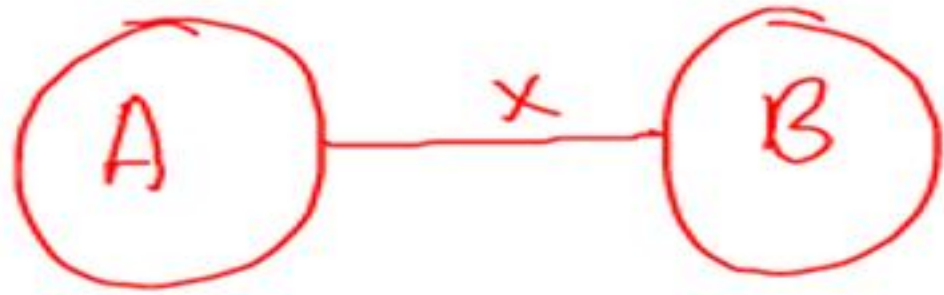
Concl ① Some B is A. ✓

② Some A is not B. Doubt X

- ③ Some B is not A. Doubt X

④ All B is A. X

Ex No A is B.

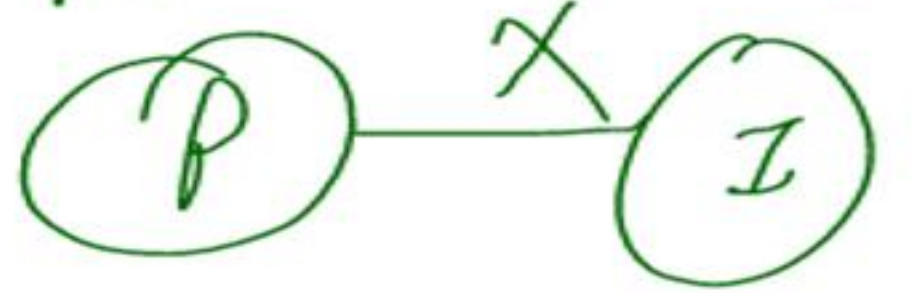


Concl 1 No B is A

2 Some A is not B.

3 Some B is not A.

Ex No P is I.

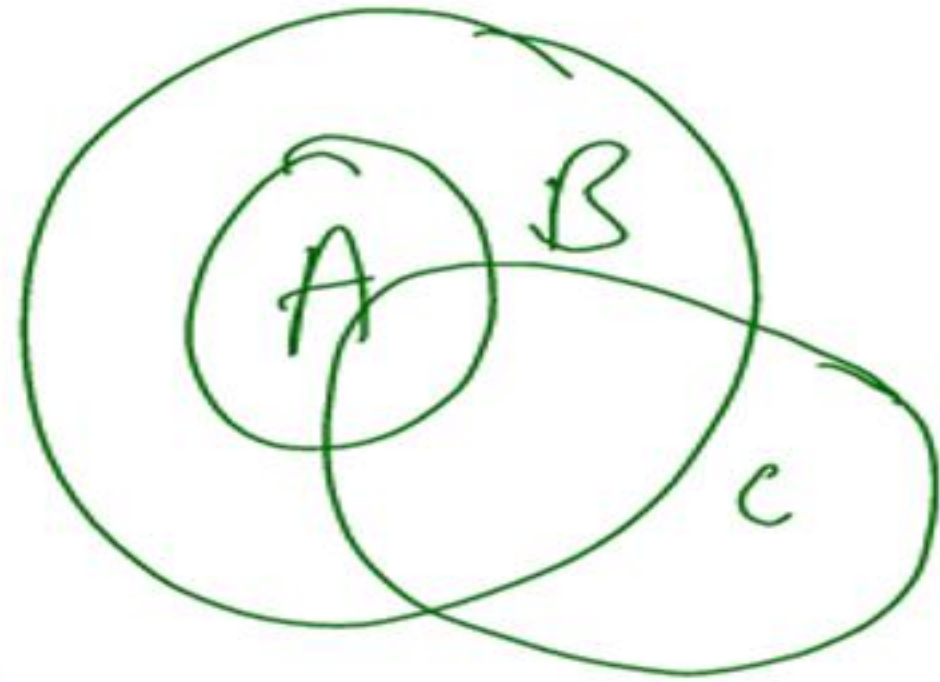


Some P is not I ✓

Some I is not P. ✓



St ① All A is B  
 | ② Some B is C

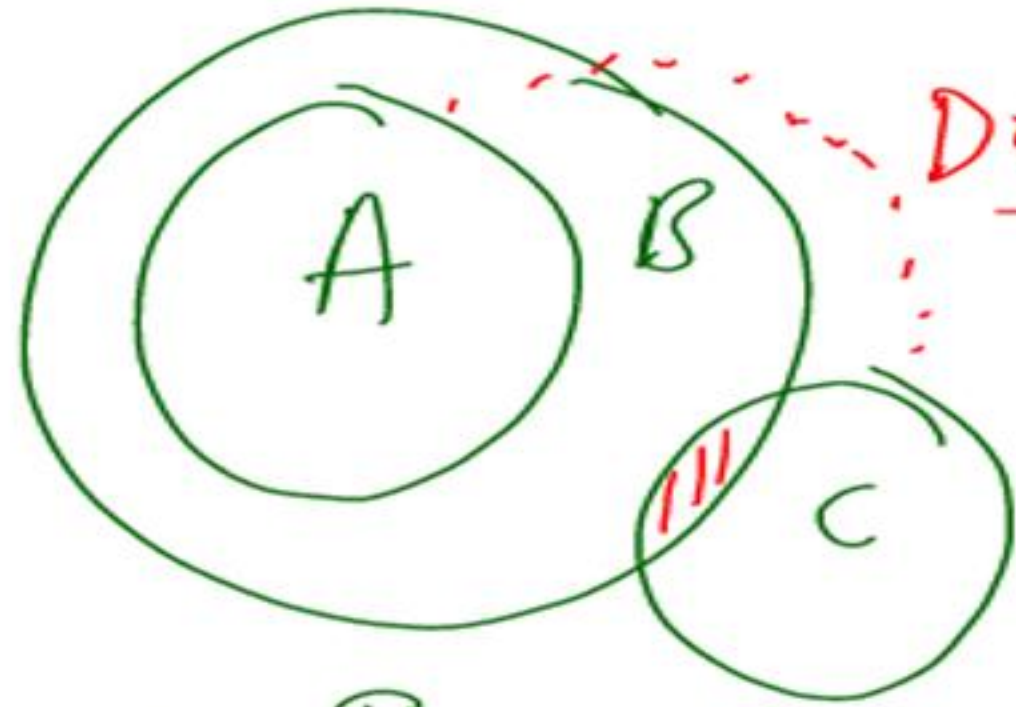


X

$\Downarrow$

$\alpha$  Some A is C

Concl ① Some B is C } ✓  
 ② No A is C } ✗



Doubt  $\alpha$

✓ II

St ① All P is Q

② All P is R



X  
All R is Q  
I



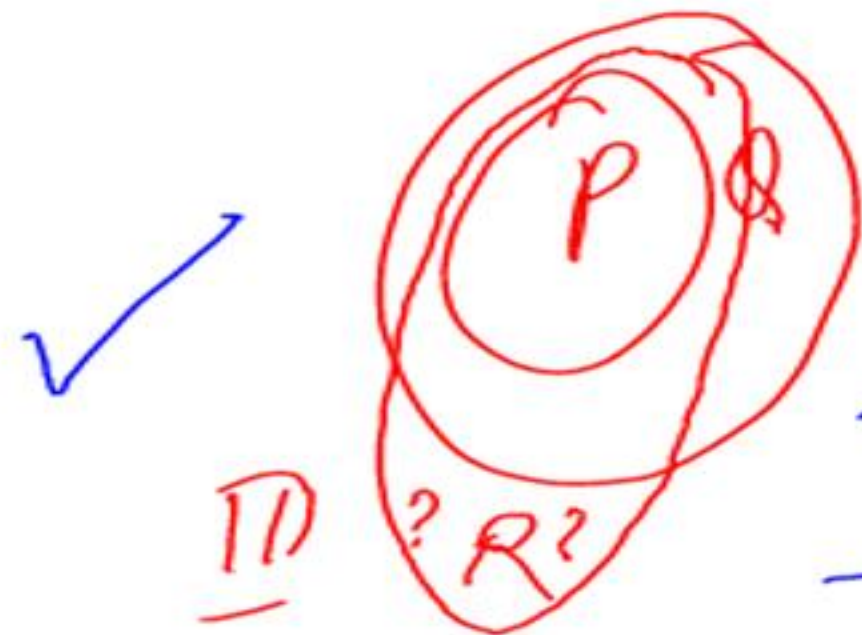
II  
All Q is R  
X

Cond

① Some Q is R ✓

② Some R is not P X

③ Some Q is not R X

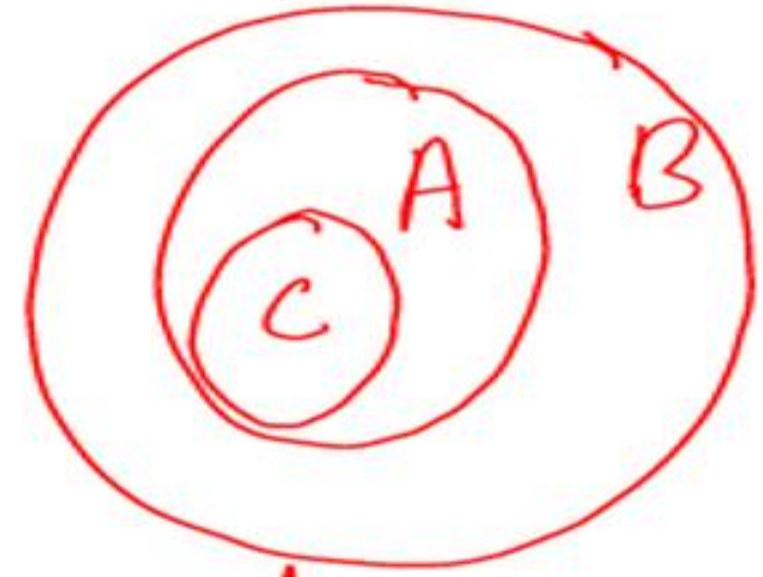


→ Some R is Q  
→ Some Q is R



St ① All A is B

② All C is A.



↓ extra.

All C is B.

Ex  $\Rightarrow$  All Delhi is in India.

All Mukherji Nagar is in India.





**Q. Statements:**

All boys are literate.

All men are literate.

**Conclusions:**

✗ I. All boys are men.

II. Some literate are men. ✓

III. Some literate are boys. ✓

**कथन:**

सभी लड़के, साक्षर हैं।

सभी पुरुष, साक्षर हैं।

**निष्कर्ष:**

I. सभी लड़के, पुरुष हैं।

II. कुछ साक्षर, पुरुष हैं।

III. कुछ साक्षर, लड़के हैं।

A. All follows.

C. Only I follow.

✓ B. Only II and III follow.

D. Either I or III follow.



Q. **Statements :**

1. All poets are intelligent.      2. All singers are intelligent.

**Conclusions :**

- I. All singers are poets. II. Some intelligent are not singers. X

**कथन:**

- I. सभी कवि बुद्धिमान होते हैं।      II. सभी गायक बुद्धिमान होते हैं।

**निष्कर्ष:**

- I. सभी गायक कवि होते हैं।      II. कुछ बुद्धिमान गायक नहीं होते।

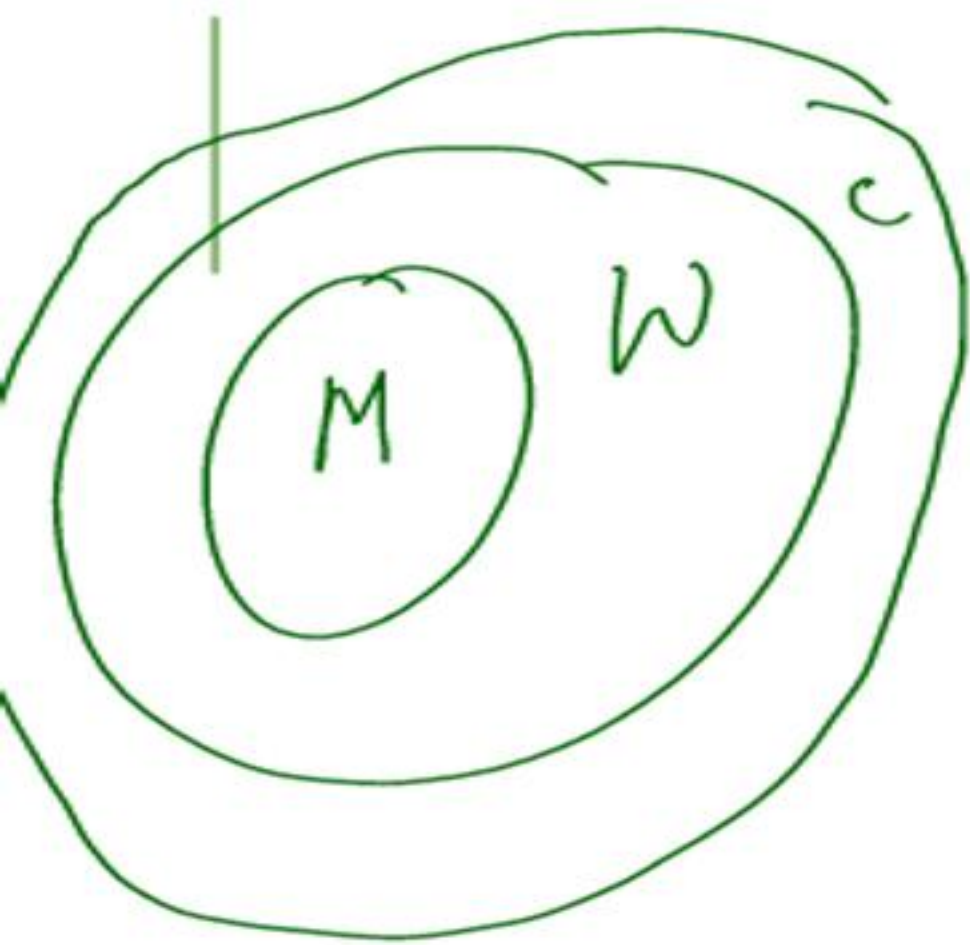
**A. Only conclusion I follows**

**B. Only conclusion II follows**

**C. Either conclusion I or II follows**

**D. Neither conclusion I nor II follows**





**Q. Statements:**

All men are women.

All women are crazy.

**Conclusions:**

I. All men are crazy. ✓

II. All crazy are men. ✗

III. Some crazy are men. ✓

IV. Some crazy are women. ✓

**कथन:**

सभी पुरुष महिलाएं हैं।

सभी महिलाएं पागल हैं।

**निष्कर्ष:**

I. सभी पुरुष पागल हैं।

II. सभी पागल, पुरुष हैं।

III. कुछ पागल, पुरुष हैं।

IV. कुछ पागल, महिलाएं हैं।

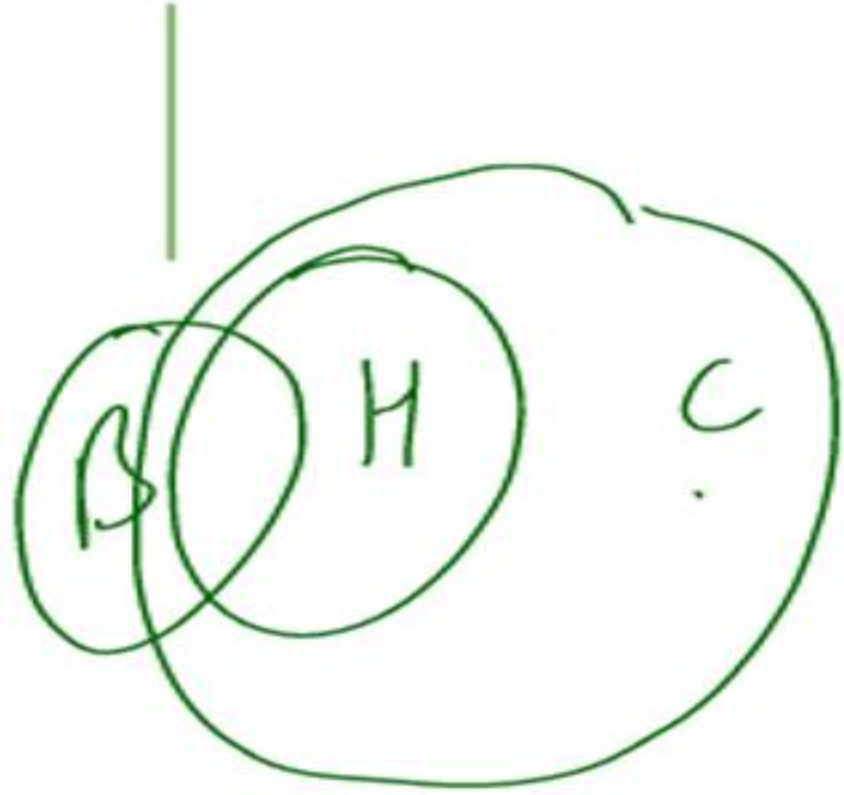
**A. None of the conclusions follow**

**B. All the conclusions follow**

✓ **C. Only I, III and IV follow**

**D. Only II and IV follow**





**Q. Statements:**

1. Some bags are hot.

2. All hot are cakes.

**Conclusions:**

☒ I. All cakes are bags.

☒ II. All bags are cakes.

**कथन:**

1. कुछ थैले गर्म हैं।

2. सभी गर्म चीज़ें केक हैं।

**निष्कर्ष:**

I. सभी केक थैले हैं।

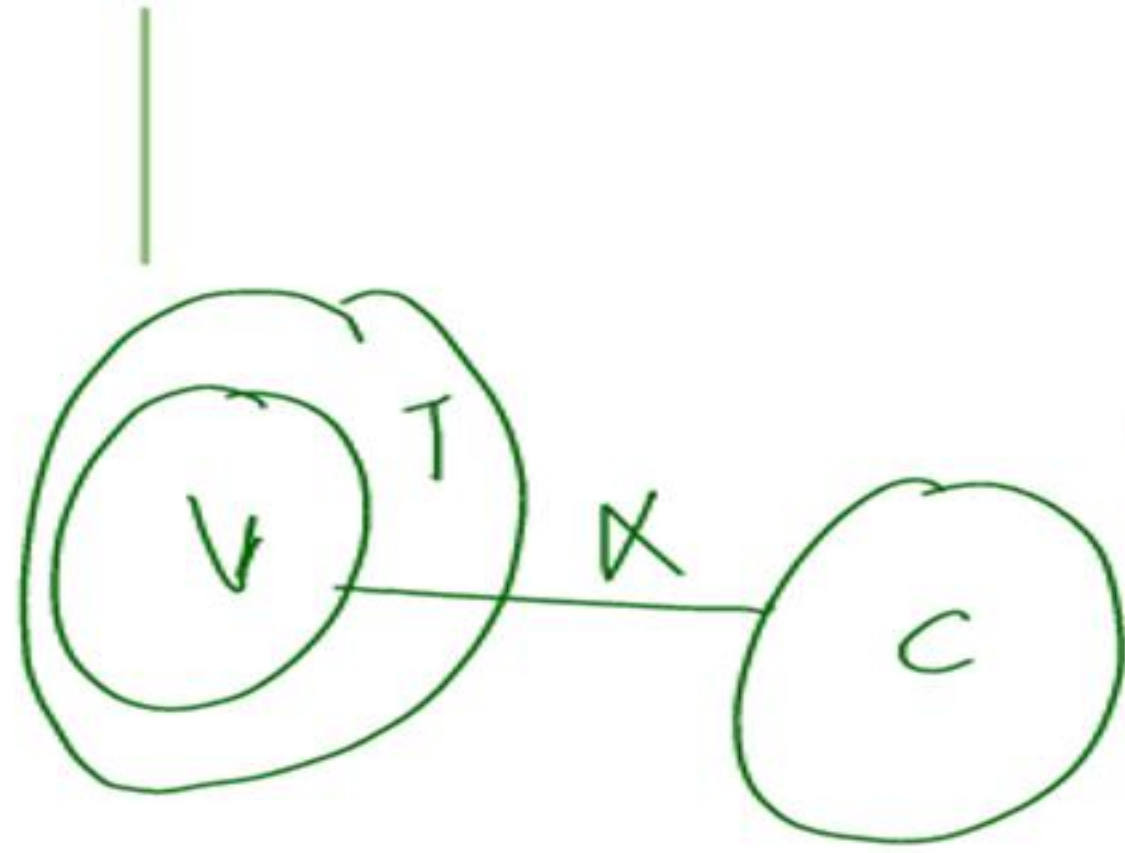
II. सभी थैले केक हैं।

**A. Conclusion I follows**

**B. Conclusion II follows**

☒ **C. Neither I nor II follows**

**D. Both I and II follows**



**Q. Statements:**

I. All Vehicles are tables.

II. No vehicles is chair.

**Conclusions:**

✓ I. Some vehicles are tables.

~~II. Some tables are chairs.~~

**कथन:**

I. सभी वाहन, मेज़ हैं।

II. कोई वाहन, कुर्सी नहीं है।

**निष्कर्ष:**

I. कुछ वाहन, मेज़ हैं।

II. कुछ मेज़, कुर्सी हैं।

✓ A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both conclusion follow.

D. Neither conclusion I nor





**Q. Statements:**

1. Some apples are oranges. 2. Some oranges are papayas.

**Conclusions:**

I. Some apples are papayas. II Some papayas are apples.

**कथन:**

1. कुछ सेब संतरे हैं।

2. कुछ संतरे पपीता हैं।

**निष्कर्ष:**

I. कुछ सेब पपीते हैं।

II. कुछ पपीते सेब हैं।

**A. Only conclusion I follows**

**B. Only conclusion II follows**

**C. Both conclusions 1 and II follow**

**D. Neither conclusion I nor II follows**



### Q. Statements:

Some Kites are sweets.

Some sweets are soups.

All the soups are pencil.

### Conclusions:

I. Some pencils are sweets. ✓

II. Some soups are kites. ✗

III. Some sweets are kites. ✓

### कथन:

कुछ पतंग, मिष्ठान हैं।

कुछ मिष्ठान, सूप हैं।

सभी सूप, पेंसिल हैं।

### निष्कर्ष:

I. कुछ पेंसिल, मिष्ठान हैं।

II. कुछ सूप, पतंग हैं।

III. कुछ मिष्ठान, पतंग हैं।

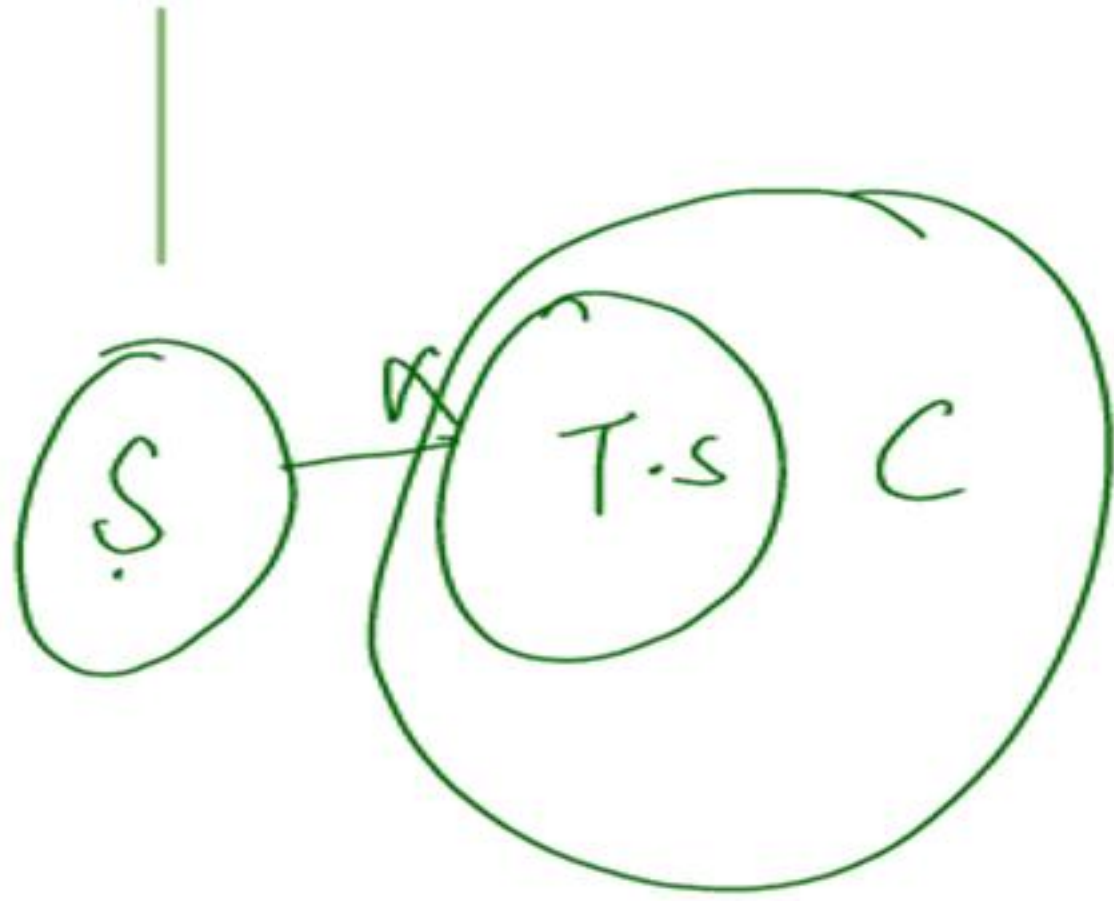
A. Only (I) and (III). ✓

B. Only (II) and (I).

C. None of the four.

D. Only I follow.





**Q. Statements :**

1. No shirts are t-shirts.

2. All t-shirts are cotton.

**Conclusions :**

I. Some shirts are cotton. ~~X~~

II. No t-shirts are shirts. ✓

**कथन :**

1. कोई शर्ट टी-शर्ट नहीं है ।

2. सभी टी-शर्ट कपास है ।

**निष्कर्ष :**

I. कुछ शर्ट कपास है ।

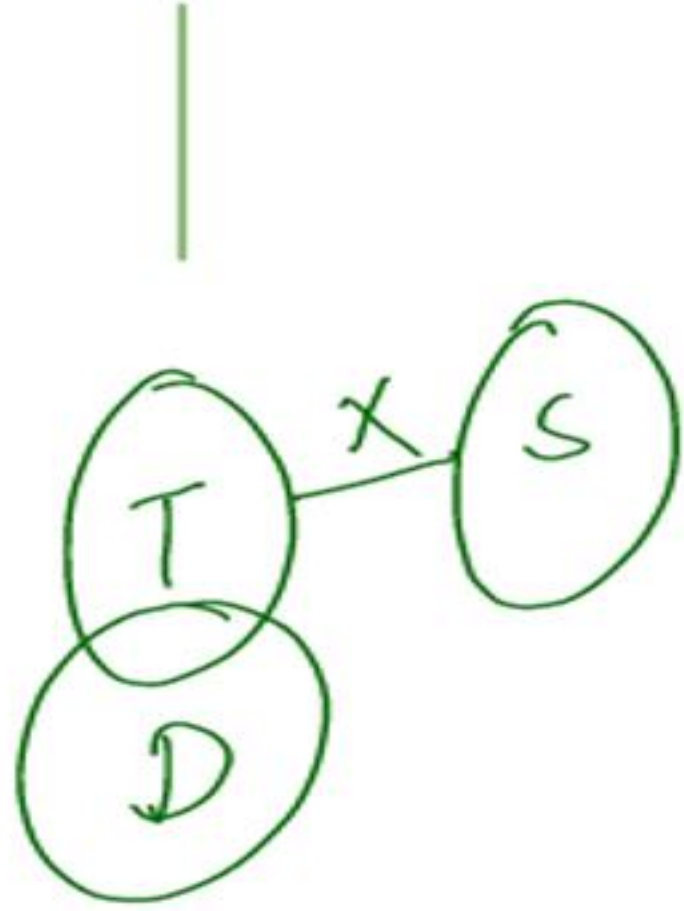
II. कोई टी-शर्ट शर्ट नहीं है ।

A. Only conclusion I follows

✓ B. Only conclusion II follows

C. Both I and II follow

D. Neither I nor II follows



Q. **Statements:**

No teachers are singer.

Some teachers are dancer.

**Conclusions:**

☒ I. All teachers are dancer.

☒ II. Some teachers are singer.

**कथन :**

कोई भी शिक्षक गायक नहीं है।

कुछ शिक्षक नर्तक हैं।

**निष्कर्ष :**

I. सभी शिक्षक नर्तक हैं।

II. कुछ शिक्षक गायक हैं।

A. Both I and II follows

B. Only conclusion I follows

C. Only conclusion II follows

☒ D. Neither I nor II follows



**Q. Statements :**

No rings are bangles.

All gold are rings.

**Conclusions :**

I. No bangles are gold.

II. Some rings are gold.

**कथन :**

कोई भी अंगूठियाँ चूड़ी नहीं होती। सभी सोना अंगूठियाँ होती है।

**निष्कर्ष :**

I. कोई भी चूड़ी सोना नहीं होती है। II. कुछ अंगूठियाँ सोना होती है।

**A. Only conclusion I follows**

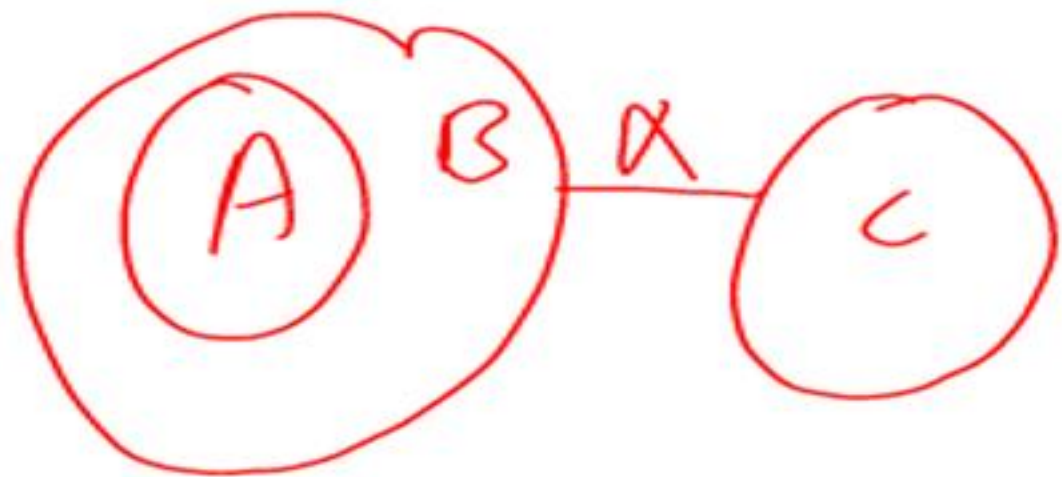
**B. Both conclusions I and II follow**

**C. Only conclusion II follows**

**D. Neither conclusion I nor conclusion II follows**

St ① All A is B.

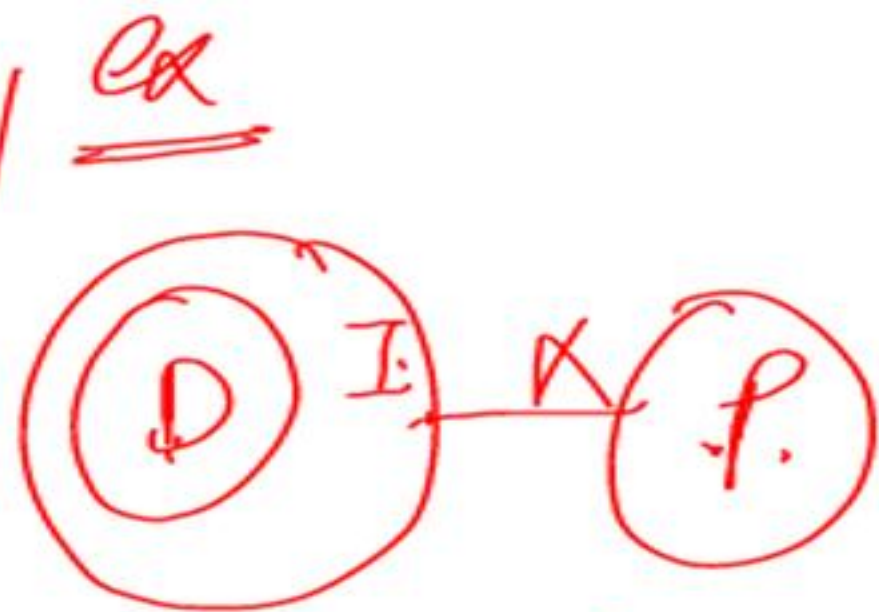
② No B is C.



Concl- ① No A is C. ✓

② Some A is not C. ✓

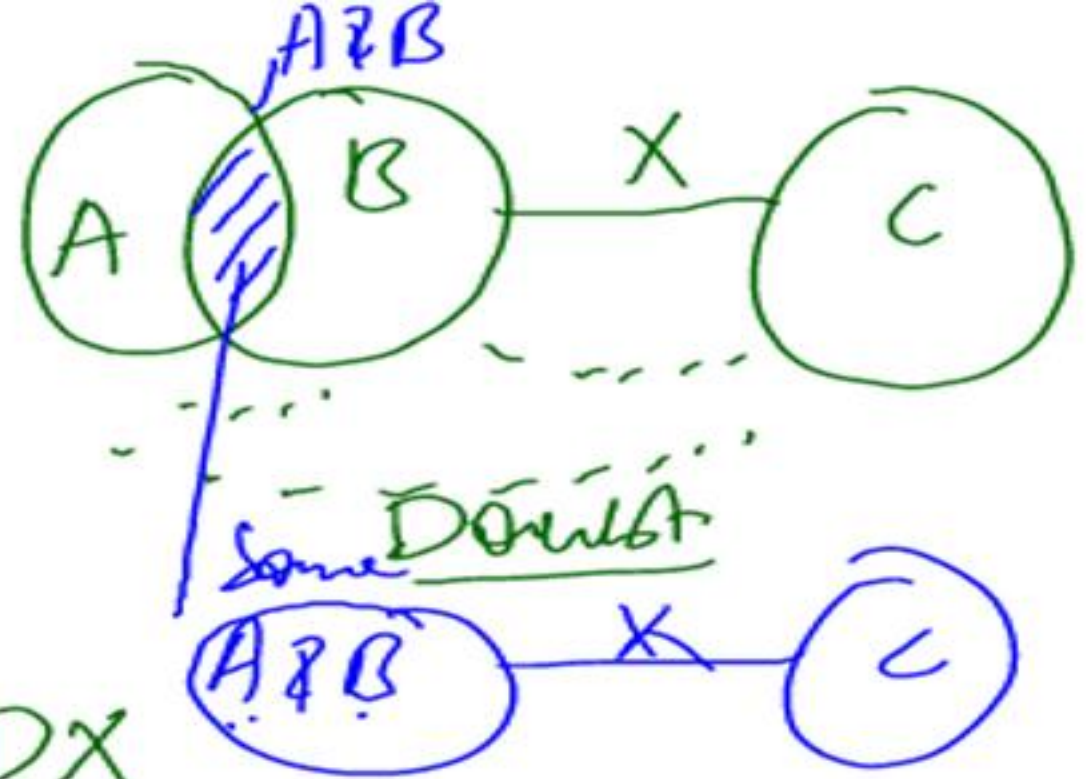
✓ ~~③~~ Some C is not A.



NO D is P. ✓  
Some D is not P.



- 87
- ① Some A is B
  - ② No B is C.



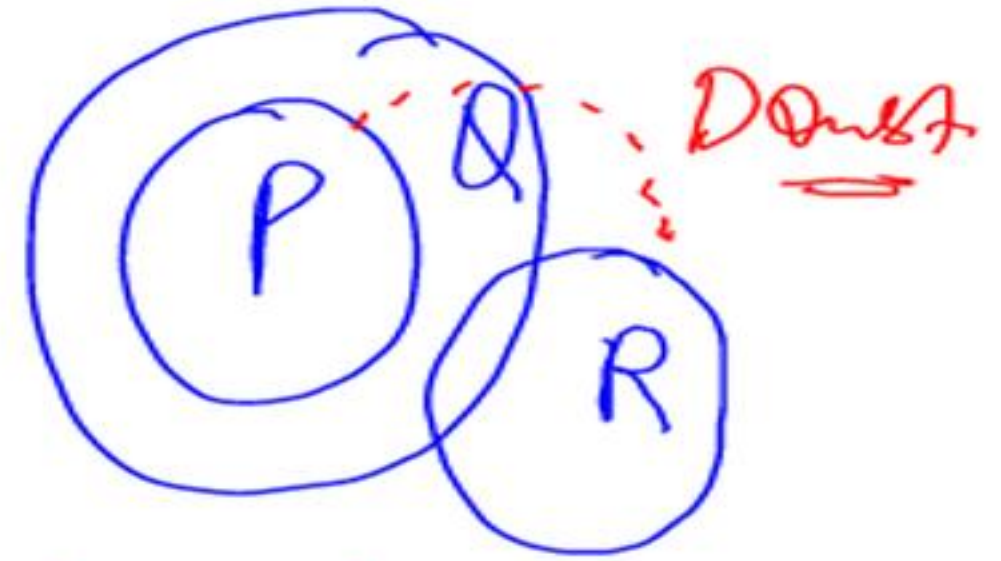
Cond ① No A is C DX

Inf ② Some A is not C ✓



① All P is Q

② Some Q is R



Concl ① All P is R DX +ve

✓ ② Some P is not R DX -ve

Either OR → ① Both conclusion must be doubtful.

② +ve & -ve

③ Elements must be same.



Note:-

In

All

&

No

either

OR

is not used

**Q. Statements:**

All CNN are ABP.

All ABP are BBC

**Conclusions:**

I. Some ABP are CNN.

II. Some BBC are

CNN.

III. Some BBC are ABP.

**कथन:**

सभी सीएनएन, एबीपी हैं।  
हैं।

सभी एबीपी, बीबीसी

**निष्कर्ष:**

I. कुछ एबीपी, सीएनएन हैं।  
सीएनएन हैं।

II. कुछ बीबीसी,

III. कुछ बीबीसी, एबीपी हैं।

A. All the conclusions follow.

B. Only conclusions I

and II follow

C. Only conclusions II and III follow



**Q. Statements :**

I. Some cup are hot.

II. All hot are tea.

**Conclusions :**

I. Some tea are cup.

II. All cups are tea.

**कथन :**

I. कुछ कप गर्म हैं ।

II. सभी गर्म चाय हैं ।

**निष्कर्ष :**

I. कुछ चाय कप हैं ।

II. सभी कप चाय हैं ।

A. Only conclusion (I) follows

B. Only conclusion (II) follows

C. Both conclusion follows

D. Neither conclusion (I) nor conclusion (II) follows



**Q. Statements:**

Some animals are mammals. No mammal is herbivore.

**Conclusions:**

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

**कथन:**

कुछ जानवर स्तनधारी हैं।

कोई स्तनधारी शाकाहारी नहीं है।

**निष्कर्ष:**

- I. कोई शाकाहारी स्तनधारी नहीं है।  
III. कोई भी जानवर शाकाहारी नहीं है।

II. कुछ स्तनधारी जानवर हैं।

- ✓ A. Only conclusions I and II follow.  
B. Only conclusions II and III follow.  
C. None of the conclusions follows.  
D. Only conclusions I and III follow.



**Q. Statements:**

1. Some camels are ships.

2. No ship is a boat.

**Conclusion:**

I. Some ships are camels.

II. Some camels are not

boats.

**कथन :**

1. कुछ ऊंट जहाज हैं ।

2. कोई जहाज नाव नहीं है ।

**निष्कर्ष :**

I. कुछ जहाज ऊंट हैं ।

II. कुछ ऊंट नाव नहीं हैं ।

A. Conclusion I follows

B. Conclusion II follows

C. Neither I nor II follows

D. Both I and II follows

**Q. Statement:**

All Texas are America.

No India is America.

**Conclusions:**

I. Some Texas are India.

II. No Texas are India

**कथन :**

सभी टेक्सास अमेरिका हैं।

कोई भारत अमेरिका नहीं है।

**निष्कर्ष :**

I. कुछ टेक्सास भारत हैं।  
है।

II. कोई टेक्सास भारत नहीं

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Both conclusion follow.

D. Neither conclusion (I) nor conclusion (II) follows.



**Q. Statements :**

Some buds are flowers.

All flowers are trees.

All trees are leaves.

**Conclusion :**

I. Some leaves are buds.

II. All flowers are leaves.

**कथन :**

कुछ कलियाँ फूल हैं ।

सभी फूल वृक्ष हैं ।

सभी वृक्ष पट्टियाँ हैं ।

**निष्कर्ष :**

I. कुछ पट्टियाँ कलियाँ हैं ।

II. सभी फूल पत्ते हैं ।

A. Only conclusion I follows

B. Only conclusion II follows

C. Neither I nor II follows

D. Both I and II

follows



100% sure = ✓ = ✓

100% sure X = ✓

### Key Takeaways

1-99% Doubt = X



① D

② +ve, -ve.

③ Element must be same.



All & No  
X





*Chapter wise  
previous yr Question  
Bank*

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