SYLLOGISM

- KOUSTAV

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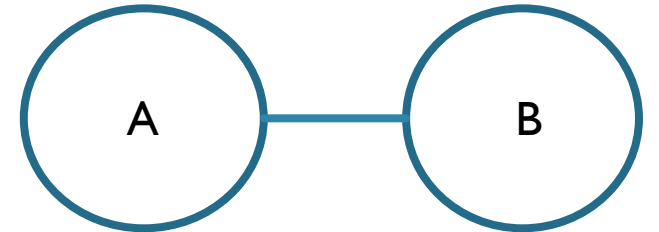
www.youtube.com/TheAptitudeGuy

CONCEPT

All A's are B's.
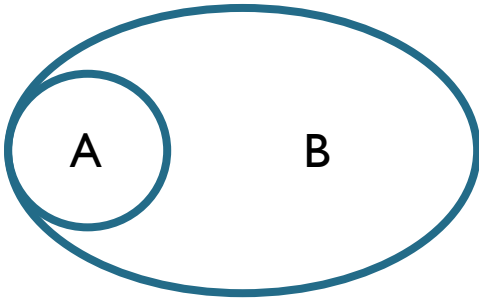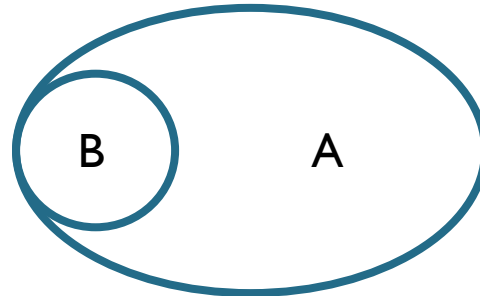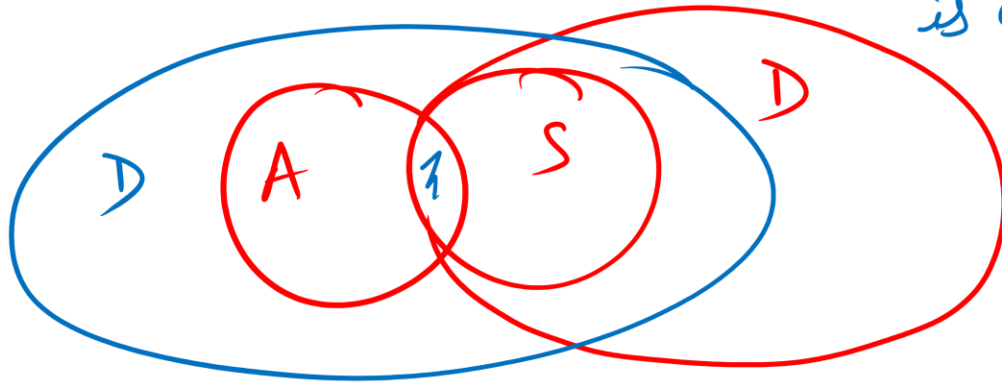
Some A's are B's.
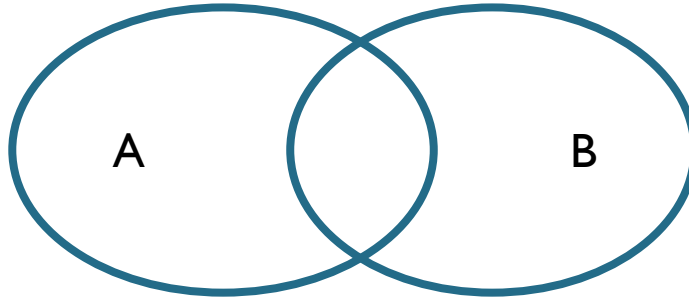
No A's are B's.

POSSIBILITY

Q1. **Statements:** Some actors are singers. All the singers are dancers.
Conclusions: I. Some actors are dancers.
II. No singer is actor.

All A's are D's
is a possibility

(A) If only conclusion (I) follows.
(B) If only conclusion (II) follows.
(C) If either (I) or (II) follows.
(D) If neither (I) nor (II) follows.
(E) If both (I) and (II) follow.

D A 1 S D

1> Draw all possibilities
2> Conclusion should be true in ALL possibilities

Q2. **Statements:** All the harmoniums are instruments. All the instruments are flutes.

Conclusions: ✗I. All the flutes are instruments.
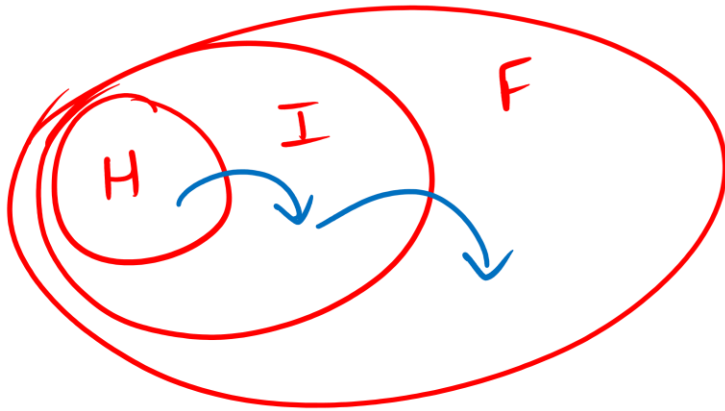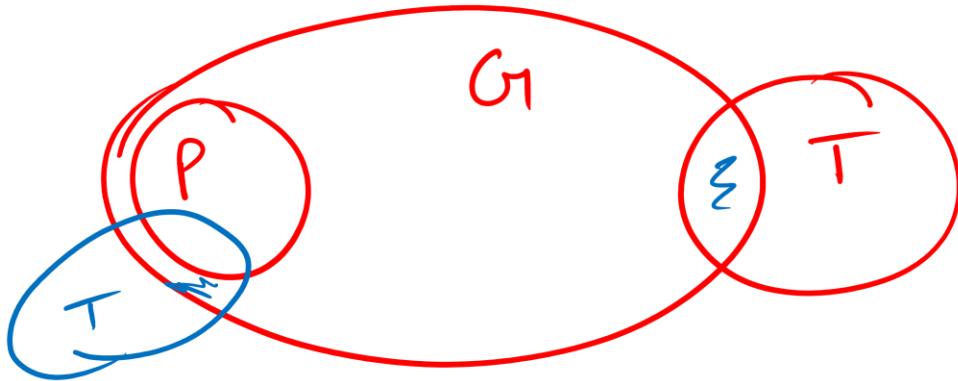
II. All the harmoniums are flutes.

(A) If only conclusion (I) follows.
(B) If only conclusion (II) follows.
(C) If either (I) or (II) follows.
(D) If neither (I) nor (II) follows.
(E) If both (I) and (II) follow.

Q3. **Statements:** All the poets are goats. Some goats are trees.
Conclusions: ✗ I. Some poets are trees.
✓ II. Some trees are goats.

(A) If only conclusion (I) follows.
✓ (B) If only conclusion (II) follows.
(C) If either (I) or (II) follows.
(D) If neither (I) nor (II) follows.
(E) If both (I) and (II) follow.

Q4. **Statements:** Some mangoes are yellow. Some tixo are mangoes.
Conclusions: I. Some mangoes are green.
II. Tixo is a yellow.
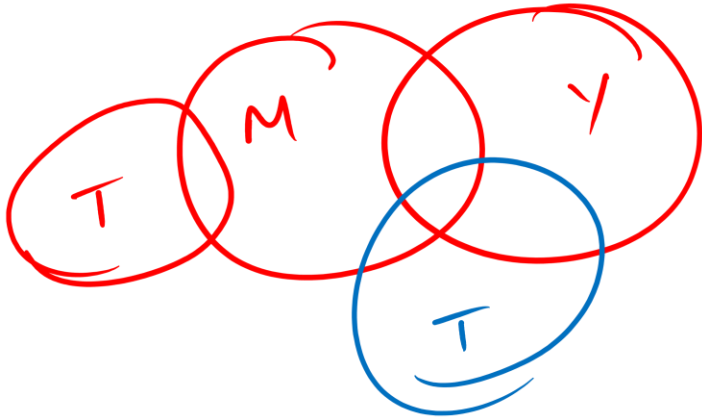
(A) If only conclusion (I) follows.
(B) If only conclusion (II) follows.
(C) If either (I) or (II) follows.
(D) If neither (I) nor (II) follows.
(E) If both (I) and (II) follow.

Q5. **Statements:** Some ants are parrots. All the parrots are apples.
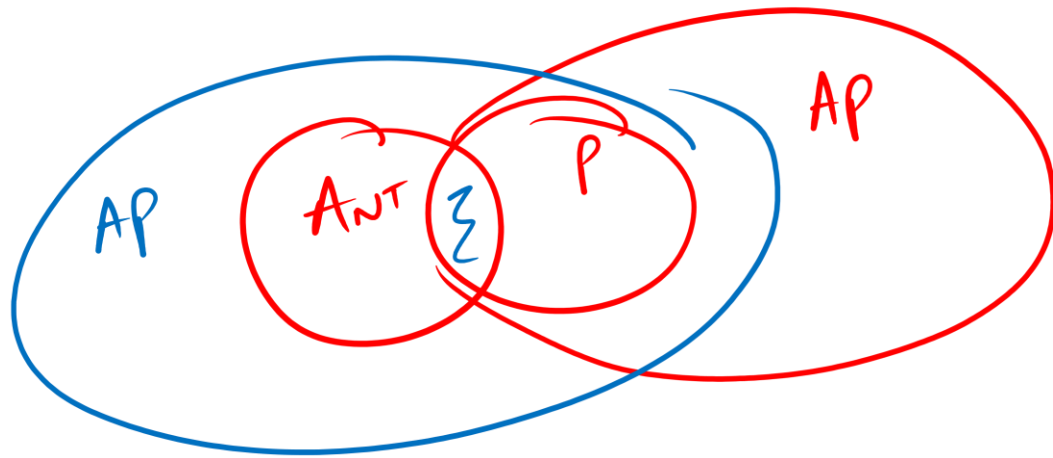**Conclusions:** ✗ I. All the apples are parrots.
II. Some ants are apples.

(A) If only conclusion (I) follows.
(B) If only conclusion (II) follows.
(C) If either (I) or (II) follows.
(D) If neither (I) nor (II) follows.
(E) If both (I) and (II) follow.

Q6. **Statements:** Some pearls are jewels. Some jewels are ornaments.
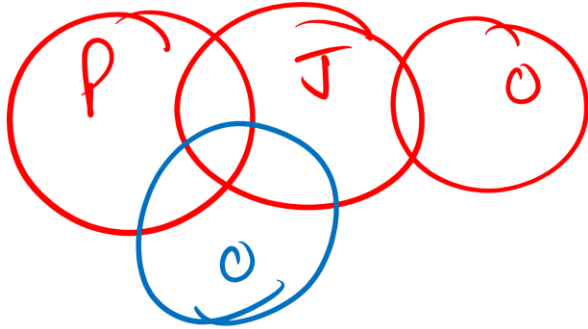**Conclusions:** ✓ I. Some jewels are pearls.
✓ II. Some ornaments are jewels.

(A) If only conclusion (I) follows.
(B) If only conclusion (II) follows.
(C) If either (I) or (II) follows.
(D) If neither (I) nor (II) follows.
✓ (E) If both (I) and (II) follow.

Q7. **Statements:** Some papers are pens. All the pencils are pens.

Conclusions: I. Some pens are pencils.

II. Some pens are papers.

(A) If only conclusion (I) follows.
(B) If only conclusion (II) follows.
(C) If either (I) or (II) follows.
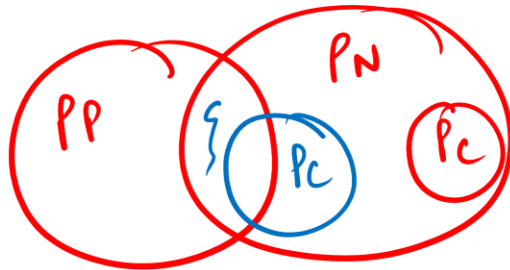(D) If neither (I) nor (II) follows.
(E) If both (I) and (II) follow.

Q8. **Statements:** No truck is rover. All rovers are land.

Conclusions: ✗ I. No land is truck. −ve

✗ II. Some land is truck. +ve

(A) If only conclusion (I) follows.
(B) If only conclusion (II) follows.
✓ (C) If either (I) or (II) follows.
(D) If neither (I) nor (II) follows.
(E) If both (I) and (II) follow.

EITHER − OR
i) Both FALSE.
ii) Same elements
iii) +ve, − ve

Q9. **Statements:** All vegetables are green. Some greens are fruits.
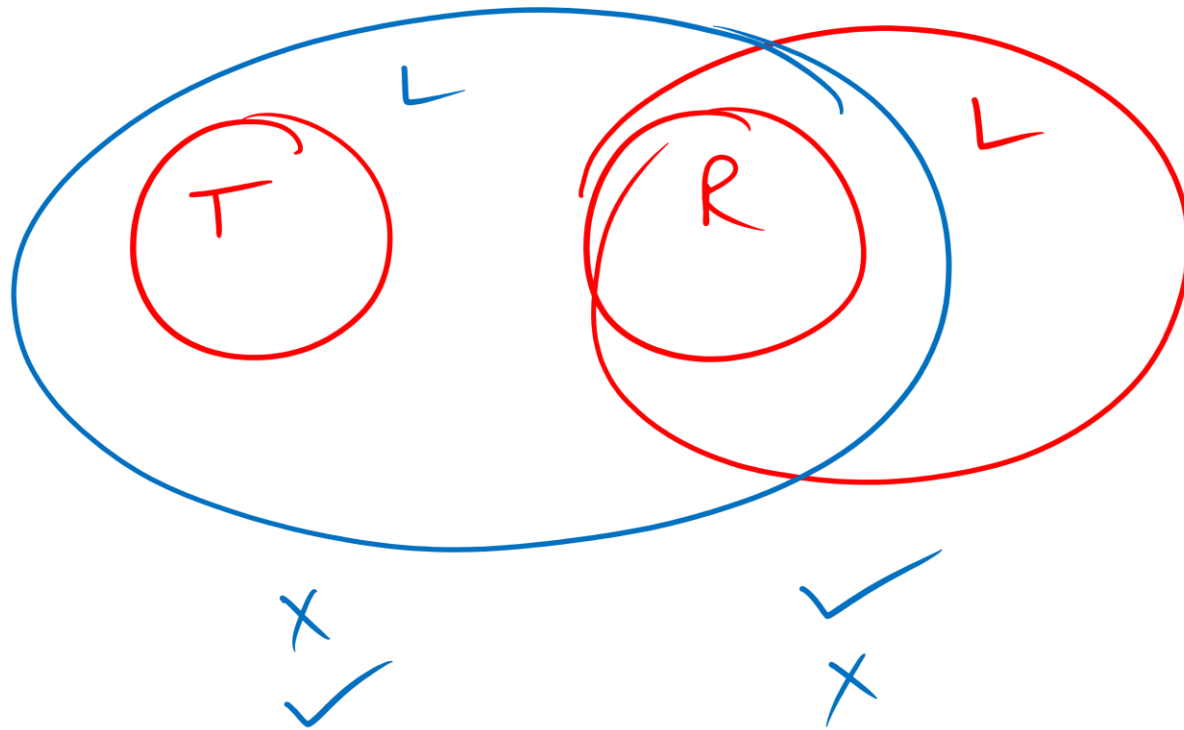**Conclusions:** X I. Some fruits are vegetables.
X II. No fruit is vegetable.

(A) If only conclusion (I) follows.
(B) If only conclusion (II) follows.
(C) If either (I) or (II) follows.
(D) If neither (I) nor (II) follows.
(E) If both (I) and (II) follow.

Q10. Statements: Some books are tables. Some tables are mirrors.
Conclusions: ✗ I. Some mirrors are books.
✗ II. No book is mirror.

(A) If only conclusion (I) follows.
(B) If only conclusion (II) follows.
(C) If either (I) or (II) follows. ✓
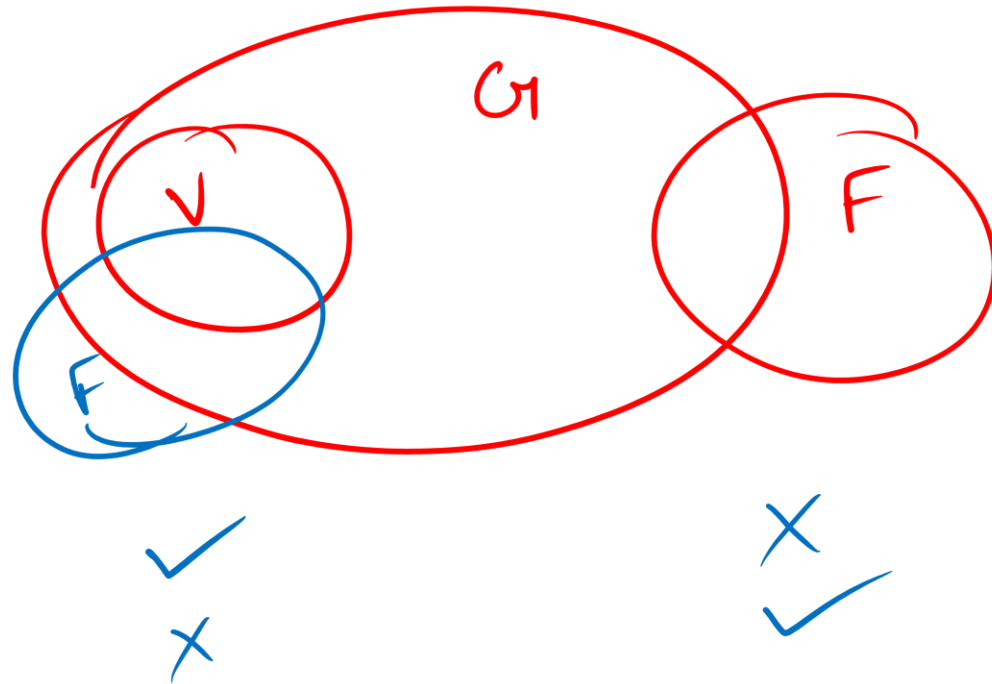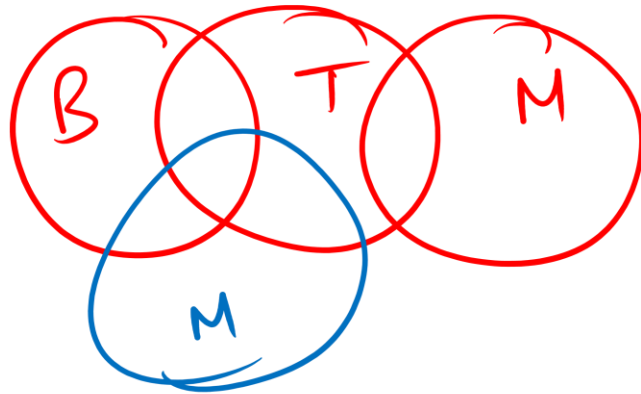(D) If neither (I) nor (II) follows.
(E) If both (I) and (II) follow.

11)

i.   X and Y are siblings. *S*   iv. X and Y quarrel often.
ii. X and Y do not quarrel. *S*   *C* v. All those who quarrel are siblings.
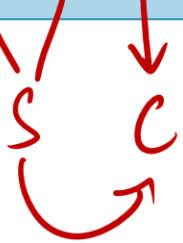iii. Siblings are known to quarrel often. vi. X and Y cannot be siblings.

A) ii, iv, v   B) i, iv, vi   C) i, iii, iv   D) i, ii, v

12)

i.   All mangoes are fruits. S

ii. All mangoes are green.
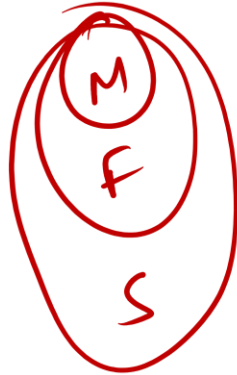
iii. All mangoes are oval shaped.

S iv. All fruits are sweet.

C v. All mangoes are sweet.

vi. All fruits are expensive.

A) i, ii, iii   B) i, iv, v   C) ii, iii, iv   D) iv, v, vi

13)

i. All frogs are amphibians. *S*

ii. All amphibians are not frogs

iii. All amphibians are cold blooded.

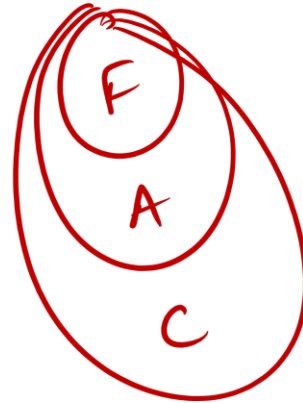*S* iv. All frogs lay eggs.

c v. All amphibians lay eggs.

vi. Frogs are cold blooded.

i, v, iv

A) i, iv, v   B) i, iii, vi   C) i, ii, v   D) ii, v, iv
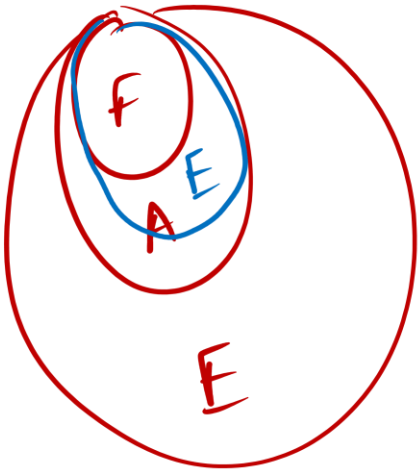
14)
i.   Some men are of short height.   S iv. Sudhir is of short height.
ii. Short-heighted men are intelligent. S   C v. Sudhir is intelligent.
iii. Sudhir is a man.   vi. All men are intelligent.

A) i, ii, vi   B) iii, iv, ii   C) ii, iv, v   D) ii, iv, vi

15)

i.   X is a human being.

ii. Y is X's wife.

iii. Some women are islands.

iv. No man is an island.

v. X is not an island.

vi. Y is not an island.

A) i, iv, v   B) ii, iii, vi   C) i, iii, v   ✓ D) ii, iv, v
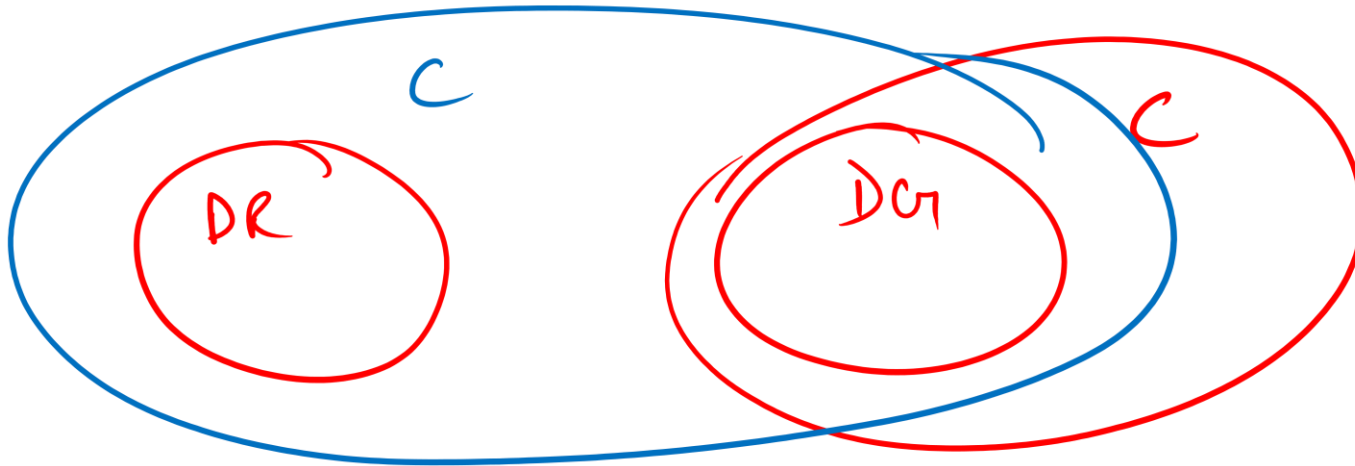
16) **Statements:** No door is dog. All the dogs are cats.
Conclusions: ✗ I. No door is cat. ✗ II. ~~No cat is door.~~
✓ III. Some cats are dogs. ✗ IV. All the cats are dogs.

A. Only (II) and (IV)   B. Only (I) and (III)
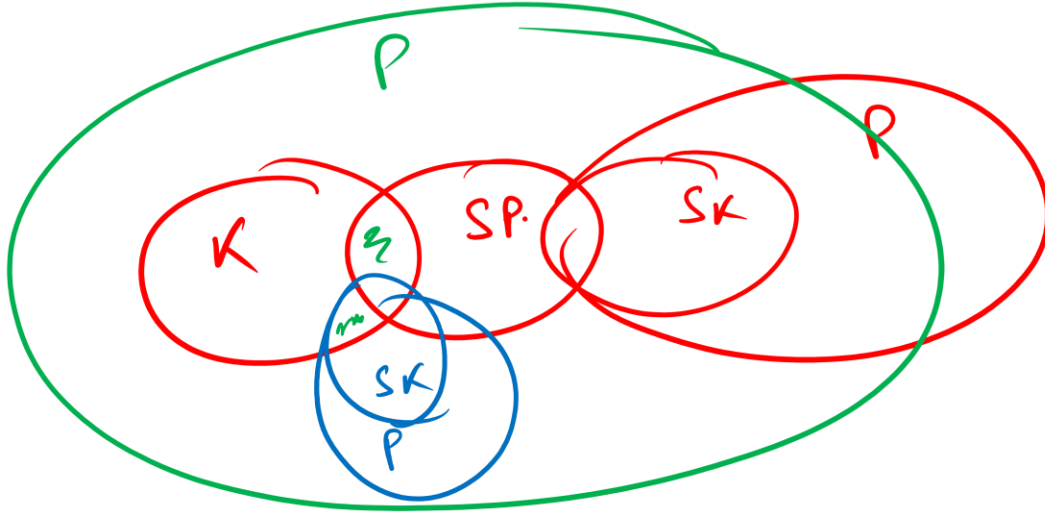C. Only (III) and (IV)   ✓ D. Only (III)

17)

Statements:

Some keys are staplers. Some staplers are stickers. All the stickers are pens.

Conclusions: ✓ I. Some pens are staplers. ✗ II. Some stickers are keys.
✗ III. No sticker is key. ✓ IV. Some staplers are keys.

A. Only (I) and (II)

B. Only (II) and (IV)

C. Only (II) and (III)

✓ D. Only (I) and (IV) and either (II) or (III)

ANSWER KEY – SYLLOGISM

QUESTION	ANSWER	QUESTION	ANSWER
1	A	11	C
2	B	12	B
3	B	13	B
4	D	14	C
5	B	15	D
6	E	16	D
7	E	17	D
8	C		
9	C		
10	C		