

IEM KOLKATA**SYLLOGISM**

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Directions: In the following questions below, given are two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Q1)

Statements:

- All cats are dogs.
All dogs are animals.

Conclusions:

- I. All cats are animals.
II. Some animals are dogs.
A. Only I follows
B. Only II follows
C. Both I and II follow
D. Neither I nor II follows

Q2)

Statements:

- No fingers are legs
Mostly legs are hands
Only a few hands are hairs

Conclusions:

- I. Some legs are not hairs
II. All hands being fingers is a possibility.
A. Only conclusion II follows
B. Neither conclusion I nor conclusion II follows
C. Only conclusion I follows
D. Both conclusion I and conclusion II follow.

Q3)

Statements:

Some pens are books.

No book is a pencil.

Conclusions:

I. Some pens are not pencils.

II. All books are pens.

A. Only I follows

B. Only II follows

C. Both I and II follow

D. Neither I nor II follows

Q4)

Statements:

All chairs are tables.

Some tables are wooden.

Conclusions:

I. Some chairs are wooden.

II. All tables are wooden.

A. Only I follows

B. Only II follows

C. Both I and II follow

D. Neither I nor II follows

Q5)

Statements:

All birds are animals.

Some animals are reptiles.

Conclusions:

I. Some reptiles are birds.

II. Some animals are birds.

A. Only I follows

B. Only II follows

C. Both I and II follow

D. Neither I nor II follows

Q6)

Statements:

No apple is orange.
All oranges are fruits.

Conclusions:

- I. No apple is a fruit.
- II. Some fruits are not apples.
- A. Only I follows
- B. Only II follows
- C. Both I and II follow
- D. Neither I nor II follows

Q7)

Statements:

All mangoes are sweet.
Some mangoes are yellow.

Conclusions:

- I. All yellow mangoes are sweet.
- II. Some sweet things are yellow.
- A. Only I follows
- B. Only II follows
- C. Both I and II follow
- D. Neither I nor II follows

Q8)

Statements:

All roses are flowers.
Some flowers are red.

Conclusions:

- I. Some roses are red.
- II. All flowers are roses.
- A. Only I follows
- B. Only II follows
- C. Both I and II follow
- D. Neither I nor II follows

Q9)

Statements:

Some boys are intelligent.

All intelligent people are hardworking.

Conclusions:

- I. Some boys are hardworking.
 - II. All hardworking people are intelligent.
- A. Only I follows
 - B. Only II follows
 - C. Both I and II follow
 - D. Neither I nor II follows