

Syllogism

Example:

Statement:

- i) Some cats are white.
- ii) All white are dog.
- iii) No dog is snow.

Conclusion:

- i) No cats are dogs.
- ii) Some cats are dogs.
- iii) No White is Snow.

Statement:

- i) Some cats are white.
- ii) No Snow is cat
- iii) No dog is white..

Conclusion:

- i) No cats are dogs.

A) General:

a) Statements:

- i) All the humans are instruments.
- ii) All the instruments are flutes.

Conclusions:

- i) All the flutes are instruments.
- ii) All the humans are flutes.

b) Statements:

- i) Some laptops are keyboard.
- ii) All the cables are keyboard.

Conclusions:

- i) Some keyboards are cable.
- ii) Some keyboards are laptops.

c) Statements:

- i) No girl is boy.
- ii) All boys are female.

Conclusions:

- i) No girl is female.
- ii) Some female are boys.

B) Possibility case:

Statements:

- i) All A are B.
- ii) All B are C.

Conclusions:

- i) All B can be A.
- ii) Some C not being B is a possibility.
- iii) Some C can be B.
- iv) Some A can be C.

Statements:

- i) Some A are B.
- ii) Some B are C.

Conclusions:

- i) All A can be C.
- ii) Some C not being B is a possibility.
- iii) All B can be A.
- iv) No A can be B
- v) Some B can be A

Statements:

- i) All A are B.

- ii) Some B are C.
- iii) Some C are D.
- iv) All D are E.

Conclusions:

- i) Some A can be B.
- ii) Some D can be C.
- iii) All B being E is a possibility.

Statements:

- i) No A is B.
- ii) No B is C.

Conclusions:

- i) Some A can be B.
- ii) All B can be C.
- iii) Some C not being A is a possibility.

Statements:

- i) Some A are not B.
- ii) Some B are not C.

Conclusions:

- i) Some A can be C.
- ii) Some B can be A.
- iii) Some A not being B is a possibility.

Statements:

- i) All A are B.
- ii) All B are C.
- iii) No C is D.

Conclusions:

- i) No B can be D.
- ii) Some A being D is a possibility.

Statements:

- i) Some A are B.
- ii) No B are C.

Conclusions:

- i) Some A being C is a possibility.
- ii) All A being C is a possibility.
- iii) No C being A is a possibility.

Q. (14) Choose the option, where the third statement is conclusion drawn from preceding two statements.

- a) ABE
- b) BEA
- c) DEC
- d) ECB

Statement A - An eagle lays eggs.
 Statement B - All birds lay eggs.
 Statement C - Some birds can fly.
 Statement D - An eagle cannot fly.
 Statement E - An eagle is a bird.
 Statement F - An eagle cannot swim.

$I \geq E$

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Q. (13) Choose the option where the 3rd segment in the statement can be logically deduced using both the preceding two, but not just from one of them.

Statements –

- A. All beggars are poor. All lions are poor. So, all lions are beggars.
- B. All people are boxes. All foxes are people. So, all boxes are foxes.
- C. All men can run. All women are men. So, all women can run.

- a) Statement A
- b) Statement B
- c) Statement C
- d) None

$I \geq E$

Q. (12) Statement –

I. Some buttons are rivers. ✓

II. Some rivers are shirts. ✓

III. All shirts are people. ✓

Conclusion –

I. Some people are rivers. ✓

II. Some people are buttons. ✓

III. Some shirts are buttons. ✓

- a) Only I follows
- b) Only II follows
- c) Only III follows
- d) Only I and II follows
- e) Both I and II follow

$I \geq E$

Normal - IE

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Q. (10) Statements:

1. Some A are B. →

2. No B are C. → x



Conclusions:

1. Some A being C is a possibility. ✓

2. All A being C is a possibility. ✓

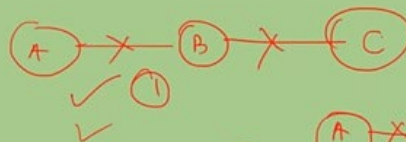
3. No C being A is a possibility. ✓



Q. (7) Statements:

1. No A is B. →

2. No B is C. →



Conclusions:

1. Some A can be B. ✓

2. All B can be C. ✓

3. Some C not being A is a possibility. ✓

