

Syllogism

Directions (1-10): In each of the following question below are given some statements followed by some conclusions. Taking 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 conclusion logically follows the given statements.

Q1. Statements

1. Some pens are pencils.
2. All pencils are erasers.

Conclusions

- I. Some pens are erasers.
 - II. No pens are erasers.
 - III. Some erasers are pencils.
- (a) Only conclusion II follows
(b) Only conclusions I and II follow
(c) Only conclusions I and III follow
(d) No conclusion follows

Q2. Statements

1. Some wild are carnivores.
2. All wild are lions.

Conclusions

- I. All carnivores are lions.
 - II. Some lions are carnivores.
- (a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both I and II follow
(d) Neither I nor II follows

Q3. Statements

1. Some boys are hardworking.
2. No intelligent are boys.

Conclusions

- I. Some hardworking are not intelligent.
 - II. All hardworking are intelligent.
 - III. Some intelligent are not hardworking.
- (a) Only conclusion I follows
(b) Only conclusions I and III follow
(c) All conclusions follow
(d) No conclusion follows

Q4. Statements

1. Some pens are pencils.
2. All pencils are erasers.

Conclusions

- I. Some pencils are not pens.
 - II. Some erasers are not pens.
- (a) Only conclusion I follows
 - (b) Only conclusion II follows
 - (c) Neither conclusion I nor conclusion II follows
 - (d) Both conclusions follow

Q5. Statements

1. All stars are white.
2. All white are moon.
3. No moon is blue.

Conclusions

- I. Some moon are stars.
 - II. No blue is stars.
 - III. Some white are stars.
 - IV. Some blue are white.
- (a) Only conclusions I, II and III follow
 - (b) Only conclusions III and IV follow
 - (c) Only conclusions I, II and IV follow
 - (d) Only conclusions II, III and IV follow

Q6. Statements

1. All bags are tables.
2. No table is red.

Conclusions

- I. Some bags are red.
 - II. All bags are red.
- (a) Only conclusion I follows
 - (b) Only conclusion II follows
 - (c) Neither conclusion I nor conclusion II follows
 - (d) Both conclusions follow

Q7. Statements

1. All stars twinkle.
2. All satellites twinkle.

Conclusions

- I. Some stars are satellites.
 - II. Some stars twinkle.
- (a) Only conclusion I follows
 - (b) Only conclusion II follows
 - (c) Neither conclusion I nor conclusion II follows
 - (d) Both conclusions follow

Q8. Statements

1. All LED are bulb.
2. Some bulbs are not tube light.

Conclusions

- I. Some tube lights are LED.
 - II. All LED are tube lights.
- (a) Only conclusion I follows
(b) Only conclusion II follows
(c) Neither conclusion I nor conclusion II follows
(d) Both conclusions follow

Q9. Statements

1. No purse is cloth.
2. All purses are leather.

Conclusions

- I. No leather is cloth.
 - II. Some leather are cloth.
 - III. Some leather are purses.
- (a) Only conclusion I follows
(b) Only conclusion III follows
(c) Only conclusion I and conclusion II follow
(d) All conclusions follow

Q10. Statements

1. All wheat are grain.
2. Some wheat are flour.

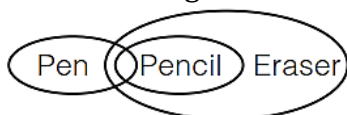
Conclusions

- I. Some grain are flour.
 - II. Some flour are wheat.
- (a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both I and II follow
(d) Neither I nor II follows

Solutions

S1. Ans.(c)

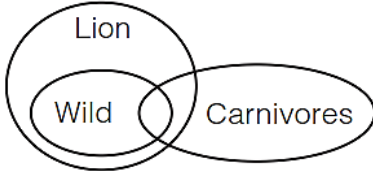
Sol. According to the statements,



Hence, conclusions I and III are true.

S2. Ans.(b)

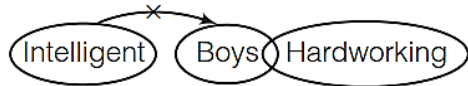
Sol. According to the statements,



Hence, only conclusion II is true.

S3. Ans.(a)

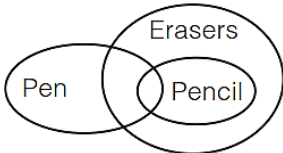
Sol. According to the statements,



Hence, only conclusion I is true

S4. Ans.(c)

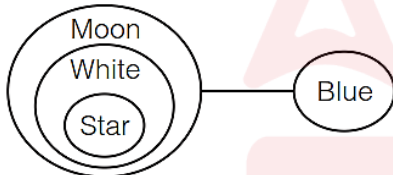
Sol. According to the statements,



Hence, neither conclusion I nor conclusion II follows.

S5. Ans.(a)

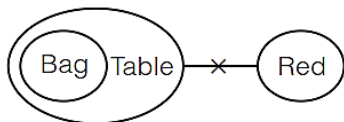
Sol. According to the statements,



Hence, conclusions I, II and III follow.

S6. Ans.(c)

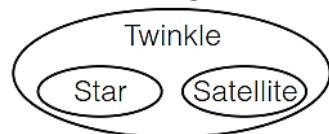
Sol. According to the statements,



So, neither conclusion I nor II follows.

S7. Ans.(c)

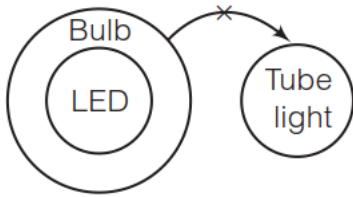
Sol. According to the statements,



Hence, no conclusion is true.

S8. Ans.(c)

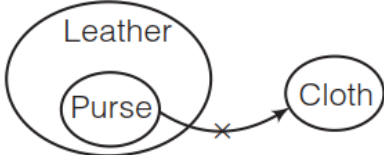
Sol. According to the statements,



Hence, no conclusion is true.

S9. Ans.(b)

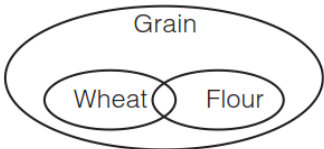
Sol. According to the statements,



Hence, only conclusion III is true.

S10. Ans.(c)

Sol. According to the statements,



Hence, conclusions I and II are true.

