Reasoning

Syllogism

Level-3

Q1 **Read both the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.**

Statements:

All bike are train

Only a few train are car

Only a few car are bicycle

Conclusions:

I. All car can be bicycle

II. All bike are car

III. Some bicycle can be bike

(A) Only I and II follow

(B) Only II and III follow

(C) Only II follow

(D) Only III follow

(E) Only I and III follow

Q2 **The question has a set of seven statements followed by options consisting of three statements put together in a specific order. Choose the options that indicate a combination where the third statement can be logically deducted from the first two statements and that option will be your answer.**

Statements:

I. Some B are not C.

II. Some D are A.

III. Some D are Z.

IV. Some G are C.

V. All A can be G.

VI. Some F can be B.

VII. Some G are D.

(A) II, III, VII (B) III, V, II

(C) II, VII, V (D) I, VII, IV

(E) None of these

Q3 **The Question has a set of six statements followd by options consisting of three statements put together in a specific order. Choose the options that indicate a combination where the third statementcan can be logically deducted from the first two statements and that option will be your answer.**

Statements:

I. No A is B.

II. Some D are B.

III. Some D are Z.

IV. No C are F.

V. All Z are B.

VI. Some F are not be B.

(A) II, III, V (B) III, V, II

(C) III, I, VI (D) III, IV, VI

(E) None of these

Q4 **The Question has a set of six statements followed by options consisting of three statements put together in a specific order. Choose the options that indicate a combination where the third statement can be logically**

deducted from the first two statements and that option will be your answer.

Statements:

I. Some A are C.
II. Some D are B.
III. No A is B.
IV. No C are F.
V. All C are B.
VI. Some A are B.

(A) II, III, V
(B) IV, V, I
(C) I, V, VI
(D) III, IV, VI
(E) None of these

Q5 **The Question has a set of six statements followed by options consisting of three statements put together in a specific order. Choose the options that indicate a combination where the third statement can be logically deducted from the first two statements and that option will be your answer.**

Statements:

I. Some A are C.
II. Some D are B.
III. No A is B.
IV. No D are F.
V. Some D are A is a possibility.
VI. Some A are B.

(A) II, III, V
(B) IV, I, VI
(C) III, VI, IV
(D) III, IV, VI
(E) None of these

Q6 **The Question has a set of six statements followed by options consisting of three statements put together in a specific order. Choose the options that indicate a combination where the third statement can be logically deducted from the first two statements and that option will be your answer.**

Statements:

I. Some B are C.
II. Some D are C.
III. Some D are Z.
IV. Some C are F.
V. All Z are B.
VI. Some F can be B.

(A) II, III, V
(B) III, V, II
(C) III, I, VI
(D) I, IV, VI
(E) None of these

Q7 **The Question has a set of six statements followed by options consisting of three statements put together in a specific order. Choose the options that indicate a combination where the third statement can be logically deducted from the first two statements and that option will be your answer.**

Statements:

I. Some B are not C.
II. Some D are B.
III. Only a few B are C
IV. No D are F.
V. Some D are A is a possibility.
VI. Some A are B.

(A) II, III, VI
(B) IV, VI, I
(C) VI, III, I
(D) III, IV, VI
(E) None of these

Q8 **Read both the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.**

Statement

Only a few Real is Reel
No Reel is Reality
All Reality is Fake

Conclusion

I. Some Reel can be Fake

II. Some Reality is not a Real

(A) If Only conclusion I follow

(B) If Only conclusion II follows

(C) If either conclusion I or II follows

(D) If Neither conclusion I nor II follows

(E) If both conclusions I and II follow

Q9 Directions: Below questions consist of some statements followed by some conclusions. Study the following information carefully and decide which of the following conclusions logically follows.

“A@B” means “Only a few A are B”.
“A%B” means “Some A are B”.
“A$B” means “No B is A”.
“A&B” means “All B are A”.
“A#B” means “Only B is A”.

Statement:

B # D % A % E $ C

Conclusions:

I. All A can never be C.

II. Some B are not E.

III. Some C are not D.

(A) Both I and II follow

(B) Only III follows

(C) Both I and III follow

(D) All I, II, and III follow

(E) None follows

Q10 Directions:Below questions consist of some statements followed by some conclusions. Study the following information carefully and decide which of the following conclusions logically follows.

“A@B” means “Only a few A are B”.
“A%B” means “Some A are B”.
“A$B” means “No B is A”.
“A&B” means “All B are A”.
“A#B” means “Only B is A”.

Statement:

E @ C, B & C, B @ D, A & D

Conclusions:

I. Some C can never be A.

II. Some D are not E is a possibility.

III. Some A are not B.

(A) Both I and II follow

(B) Only II follows

(C) Both I and III follow

(D) All I, II, and III follow

(E) None follows

Q11 Directions:Below questions consist of some statements followed by some conclusions. Study the following information carefully and decide which of the following conclusions logically follows.

“A@B” means “Only a few A are B”.
“A%B” means “Some A are B”.
“A$B” means “No B is A”.
“A&B” means “All B are A”.
“A#B” means “Only B is A”.

Statement:

T @ Q $ S & R % P

Conclusions:

I. Some T are not R.

II. Some P are not Q is a possibility.

III. Some T are S is not a possibility.

(A) Both I and II follow

(B) Only I follows

(C) Both I and III follow

(D) All I, II, and III follow

(E) None follows

Q12 **Directions:Below questions consist of some statements followed by some conclusions. Study the following information carefully and decide which of the following conclusions logically follows.**

"A@B" means "Only a few A are B".
"A%B" means "Some A are B".
"A$B" means "No B is A".
"A&B" means "All B are A".
"A#B" means "Only B is A".

Statement:
U & S $ R % Q & P @ T
Conclusions:
I. Some T are not U.
II. Some Q are not T.
III. Some P can never be S.
(A) Both I and II follow
(B) Only II follows
(C) Both I and III follow
(D) All I, II, and III follow
(E) None follows

Q13 **Directions:Below questions consist of some statements followed by some conclusions. Study the following information carefully and decide which of the following conclusions logically follows.**

"A@B" means "Only a few A are B".
"A%B" means "Some A are B".
"A$B" means "No B is A".
"A&B" means "All B are A".
"A#B" means "Only B is A".

Statement:
Y & P @ Z % Q $ S
Conclusions:
I. Some Y are not Z.
II. Some P are not S is a possibility.
III. Some S being Z is not a possibility.
(A) Both I and II follow
(B) Only III follows
(C) Both I and III follow
(D) All I, II, and III follow
(E) None follows

Q14 **Directions: Analyze the data carefully and answer the questions accordingly.**
Statement:
All circle is round.
Only a few shapes are round.
No square is circle.
Conclusions:
I. Some shapes are not round.
II. Some round are square is a possibility.
(A) If only I follows
(B) If only II follows
(C) Both I and II follows
(D) If either I or II follows
(E) If none follows

Q15 **Directions: Analyze the data carefully and answer the questions accordingly.**
Statement:
Only open is car.
Only green is grey.
No car is grey.
Conclusions:
I. Some green can be car.
II. Some grey can be open.
(A) If only I follows
(B) If only II follows
(C) If both I and II follows
(D) If either I or II follows
(E) None follows

Q16 Directions: Analyze the data carefully and answer the questions accordingly.

Statements:

Only a few books are pages.

No page is clear.

Only a few white are pages.

Conclusions:

I. All white can be pages.

II. All pages can't be books.

(A) If only I follows

(B) If only II follows

(C) If both I and II follows

(D) If either I or II follows

(E) If none follows

Q17 Directions: In the question given below, some statements are given followed by conclusion. Some words from the statement are missing. On the basis of given conclusions, you have to choose which of the given word should be placed in the blank to complete the statement.

Statement:

All _______ are spoon

Some spoons are folks

No ladle is _______

Some ladle are spatula

Conclusion:

Some knife are ladle is a possibility

Some spatula are not folks

1. Ladle, knife
2. Knife, folk
3. Knife, spoon

(A) Only I

(B) Either II or III

(C) Only III

(D) Only II

(E) None of these

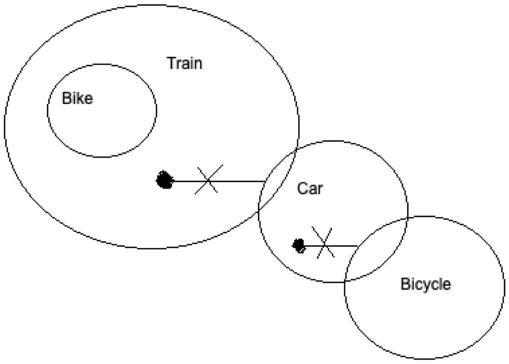
PW

Answer Key

Q1	(D)
Q2	(C)
Q3	(B)
Q4	(C)
Q5	(A)
Q6	(D)
Q7	(C)
Q8	(A)
Q9	(A)
Q10	(B)
Q11	(B)
Q12	(B)
Q13	(A)
Q14	(C)
Q15	(E)
Q16	(E)
Q17	(D)

Hints & Solutions

Q1 Text Solution:



Conclusion I: All car can be bicycle

All car can be bicycle is not true because only a few car are bicycle.

Conclusion II: All bike are car

All bike are car is not true because there is not direct relationship between bike and car.

Conclusion III: Some bicycle can be bike

Some bicycle can be bike is true because there is no negative relationship between bike and bicycle.

Only III follow.

Q2 Text Solution:

Hence, option C is the correct answer.

Final answer:

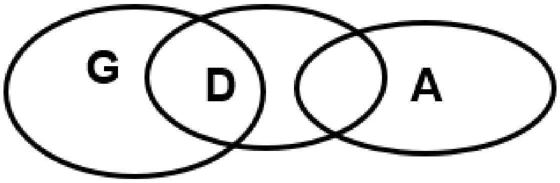
Statements:

II. Some D are A.

VII. Some G are D.

Conclusion:

V. All A can be G.



Q3 Text Solution:

Hence, option B is the correct answer.

Final answer:

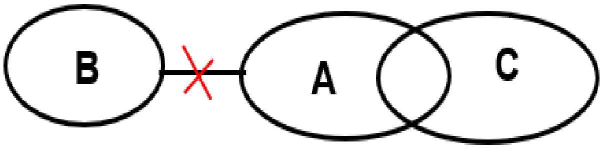
Statements:

III. Some D are Z.

V. All Z are B.

Conclusion:

II. Some D are B.



Q4 Text Solution:

Hence, option C is the correct answer.

Final answer:

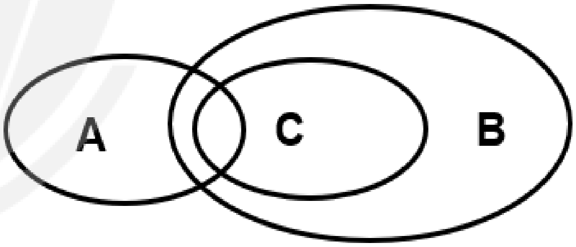
Statements:

I. Some A are C.

V. All C are B.

Conclusion:

VI. Some A are B.



Q5 Text Solution:

Hence, option A is the correct answer.

Final answer:

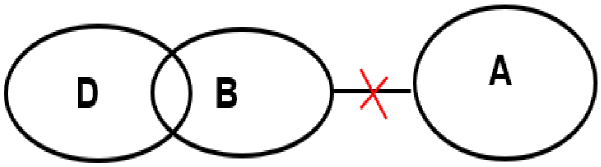
Statements:

II. Some D are B.

III. No A is B.

Conclusion:

V. Some D are A is a possibility.



Q6 Text Solution:

Hence, option D is the correct answer.

Final answer:

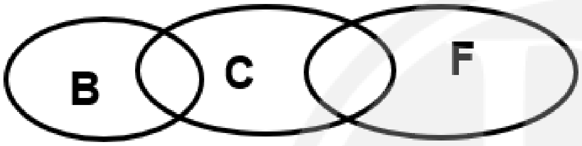
Statements:

I. Some B are C.

IV. Some C are F.

Conclusion:

VI. Some F can be B.



Q7 Text Solution:

Hence, option C is the correct answer.

Final answer:

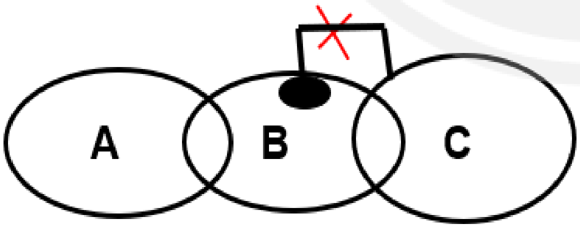
Statements:

VI. Some A are B.

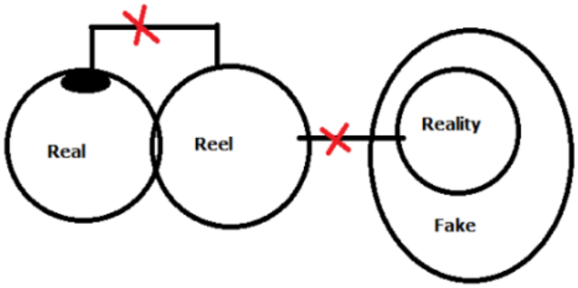
III. Only a few B are C

Conclusion:

I. Some B are not C.

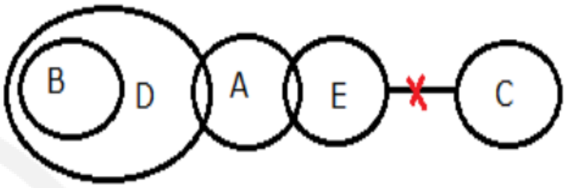


Q8 Text Solution:



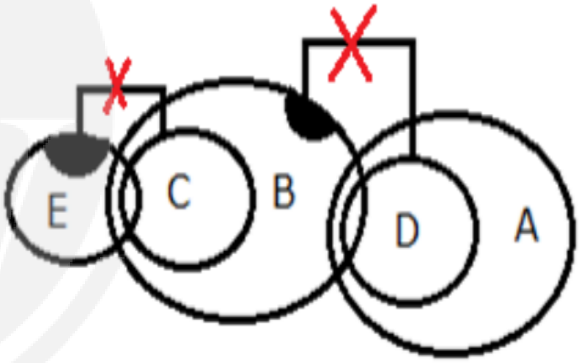
If Only conclusion I follow

Q9 Text Solution:



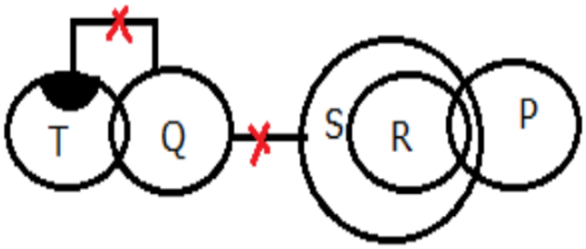
Clearly, Both I and II follow.

Q10 Text Solution:



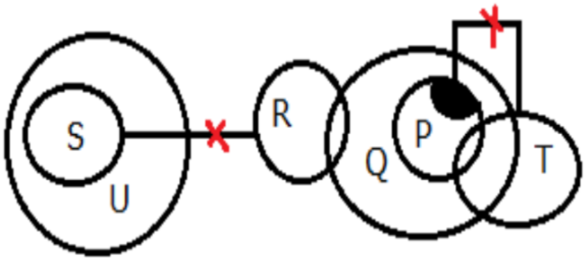
Clearly, only conclusion II follows

Q11 Text Solution:



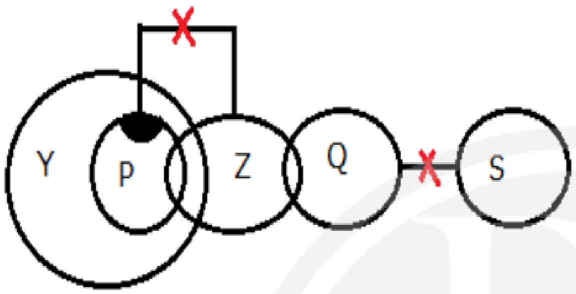
Clearly, only conclusion I follows.

Q12 Text Solution:



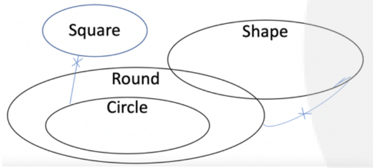
Clearly, only conclusion II follows.

Q13 Text Solution:



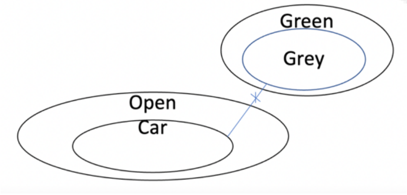
Clearly, both I and II follow.

Q14 Text Solution:

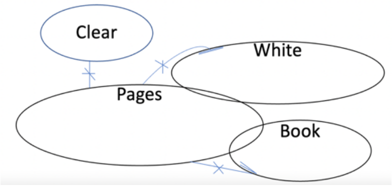

Square
Shape
Round
Circle

Both I and II follows

Q15 Text Solution:


Green
Grey
Open
Car

Q16 Text Solution:


Clear
White
Pages
Book

Q17 Text Solution:

Statement:

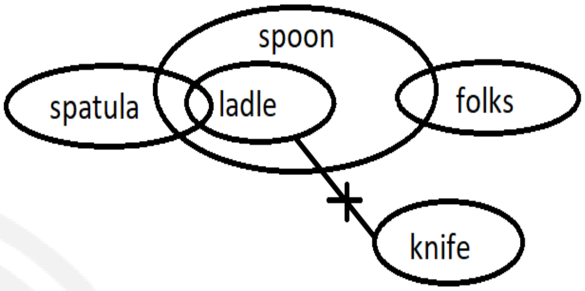
All _______ are spoon

Some spoons are folks

No ladle is _______

Some ladle are spatula

1. **Ladle, knife:** if we place ladle in first blank and folk in second blank, the least possible venn-diagram is given below

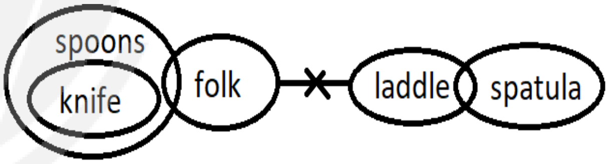

spoon
spatula
ladle
folks
knife

Conclusion:

Some knife are ladle is a possibility: false

Some spatula are not folks: false

2. **Knife, folk:** if we place knife in first blank and folk in second blank than the least possible venn diagram is given below

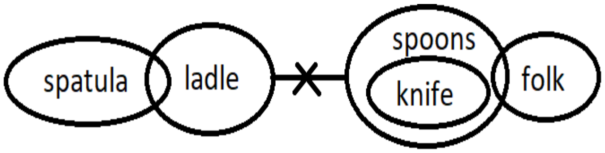

spoons
knife
folk
laddle
spatula

Conclusion:

Some knife are laddle is a possibility: true

Some spatula are not folks: true

3. **Knife, spoon :** if we place knife in first blank and spoon in second blank than the least possible venn diagram is given below


spatula
ladle
spoons
knife
folk

Conclusion:

Some knife are laddle is a possibility: false
Some spatula are not folks: false

Therefore, II is the correct option to be placed in the blank.