



Date : 26th Dec 2023

Logical Reasoning – Syllogism – Banking

English

Q:1 In the following question statements are given and they are followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read the conclusions and decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Only a few A are B
Some B are C
No B is D

Conclusions:

- I. All B can be A
- II. Some A are D
- III. All C can never be D
1. Both conclusions I and III follow
2. Both conclusions I and II follow
3. Both conclusions II and III follow
5. Only conclusion I follows

Q:2 In the following question two statements are 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 statements and decide which of the given conclusion/conclusions logically follows from the given statements.

Statements:

I: Only a few grasses are green.
II: Some yellow is grass.

Conclusions:

- I: No yellow is green.
- II: Some yellow are green.
1. Only conclusion I follows
2. Only conclusion II follows
3. Both conclusions I and II follow
5. Neither I nor II follows

Q:3 In the following question some statements are given and they are followed by three conclusions numbered I, II and III. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read the conclusions and decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

No conductor is an insulator
All woods are insulator
Some coppers are not woods

Conclusions:

- I. All coppers are conductors
- II. Atleast some copper being insulators is a possibility
- III. All insulators are woods
1. Only conclusion I follows
2. Only conclusion II follows
3. Only conclusion III follows
5. None of these

Q:4 In the following question two statements are 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 statements and decide which of the given conclusion/conclusions logically follows from the given statements.

Statements:

Some potatoes are onions.
No potato is tomato.

Conclusions:

- I. Some onions are tomatoes.
- II. No onion is tomato.
1. Only conclusion I follows
2. Only conclusion II follows
3. Either conclusion I or II follows
5. Neither conclusion I nor II follows

Q:5 In the following question two statements are 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 statements and decide which of the given conclusion/conclusions logically follows from the given statements.

Statements:

I. Some wires are black.
II. Some wires are yellow.

Conclusions:

- I. Some black are yellow.
- II. Some black are wires.
1. Only conclusion I follows
2. Both conclusions I and II follow

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3. Neither conclusion I nor II follows

5. Either conclusion I or II follows

Q:6 In the following question two statements are 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 statements and decide which of the given conclusion/conclusions logically follows from the given statements.

Statements:

Only a few Trees are Sand.

Few Parks are Sand.

Conclusions:

I. All Sand being Trees is a possibility.

II. Some Parks are Trees.

1. Only conclusion I follows

2. Only conclusion II follows

3. Both conclusions I and II follow

5. Either conclusion I or II follows

Q:7 In the following question three statements are 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 statements and decide which of the given conclusion/conclusions logically follows from the given statements.

Statement:

All letters are symbols

No symbol is an alphabet

Only alphabet is key

Conclusions:

I. All keys being letters is a possibility

II. Some alphabets are letters.

1. Only conclusion I follows

2. Either conclusion I or II follows

3. Neither conclusion I nor II follows

5. Only conclusion II follows

Q:8 In the following question three statements are 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 statements and decide which of the given conclusion/conclusions logically follows from the given statements.

Statement:

Only bread is knife

No bread is butter

All butter is veggie

Conclusion:

I. Some knives being butter is a possibility.

II. Some veggies being a knife is a possibility.

1. Neither conclusion I nor II follows

2. Only conclusion I follows

3. Both conclusions I and II follow

5. Either conclusion I or II follows

Q:9 In the following question three statements are 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 statements and decide which of the given conclusion/conclusions logically follows from the given statements.

Statement:

Only a few towels is a curtain.

No curtain is a pillow

All sheets are pillow.

Conclusions:

I. Some sheets being curtains is a possibility.

II. No Sheet is a Curtain.

1. Only conclusion I follows

2. Only conclusion II follows

3. Neither conclusion I nor II follows

5. Both conclusions I and II follow

Q:10 In the following question two statements are given and they are 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 with commonly known facts. Read the conclusions and decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statement:

i. All baskets are pens

ii. No pens are speakers

Conclusion:

i. Some baskets are speakers

ii. No baskets are speakers

1. Only (i) follows

2. Only (ii) follows

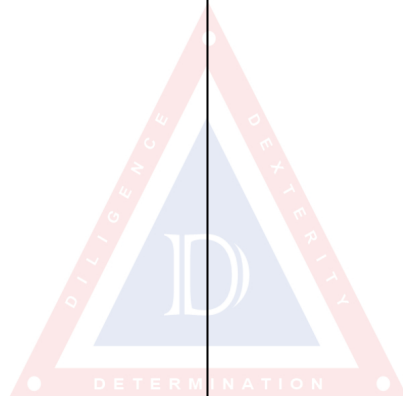


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3. Either (i) or (ii) follows
5. Both (i) and (ii) follows



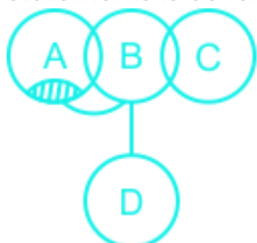
Answer Key

1. (1)	2. (4)	3. (2)	4. (3)	5. (4)
6. (1)	7. (3)	8. (1)	9. (2)	10. (2)

Answers and Solutions

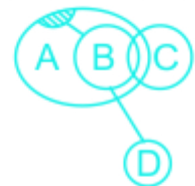
Q:1 The correct answer is **Option 1** i.e. **Both conclusions I and III follow**

The least possible diagram for the given statements is as follows:



Conclusions:

I. All B can be A → **True** (The possibility is true, as Only a few A are B is given which means Some A are B and Some A are not B, which also means that there is no restriction of B being part of A).



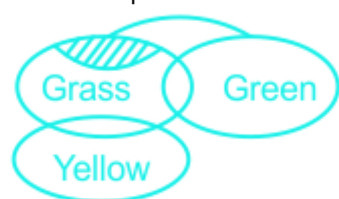
II. Some A are D → **False** (This is possible but not definite as no direct relationship between the two elements is given).

III. All C can never be D → **True** (The part of C which is B, will never be D as B and D have a negative relationship with each other).

Hence, the correct answer is **Both conclusions I and III follow**.

Q:2 The correct answer is **Option 4** i.e. **Either conclusion I or II follows**

The least possible Venn diagram is given below:



Conclusions:

I: No yellow is green: **False** (it is possible but not definite as no direct relationship between the two is given.)

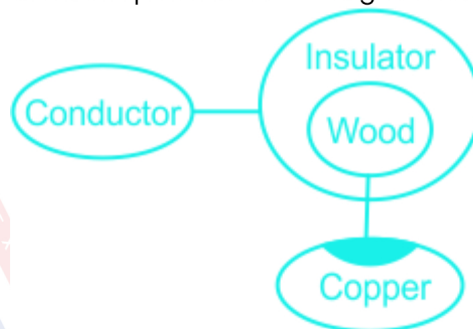
II: Some yellow is green: **False** (it is possible but not definite as no direct relationship between the two is given.)

Here, both conclusions form a complementary pair i.e. one conclusion follows if the other conclusion certainly doesn't follow.

Hence, the correct answer is **either conclusion I or II follows**.

Q:3 The correct answer is **Option 2** i.e. **Only conclusion II follows**

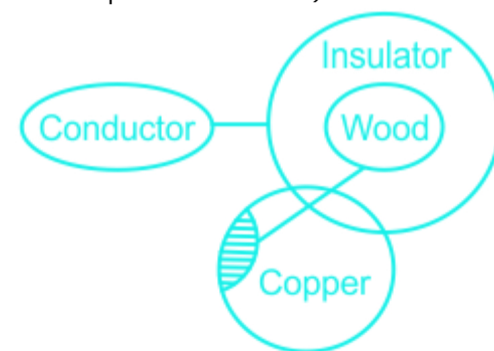
The least possible venn diagram is:



Conclusions:

I. All coppers are conductors → **False** (This is possible but not definite, as no direct relationship given between the two elements).

II. Atleast some copper being insulators is a possibility → **True** (The possibility is true, as copper can be part of Insulator).



III. All insulators are woods → **False** (This is possible but not definite).

Hence, the correct answer is **Only conclusion II follows**.

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Q:4 The correct answer is **Option 3** i.e. **Either conclusion I or II follows**

The least possible Venn diagram for the given statements is drawn below:



Conclusions:

I. Some onions are tomatoes: **False** (It is a possibility but not definite as no direct relationship between the two is given.)

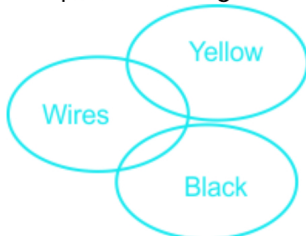
II. No onion is tomato: **False** (It is a possibility but not definite as no direct relationship between the two is given.)

Here, both conclusions form a complementary pair i.e. one conclusion follows if the other conclusion certainly doesn't follow.

Hence, the correct answer is **Either conclusion I or II follows**.

Q:5 The correct answer is **Option 4** i.e. **Only conclusion II follows**

The possible diagram is as follows:



Conclusions:

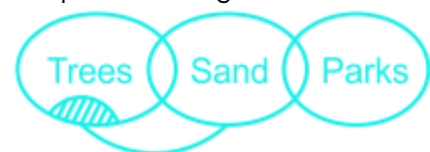
I. Some black are yellow: **False** (This is possible but not definite, as no direct relationship between the two is given).

II. Some black are wires: **True** (As some wires are black)

Hence, the correct answer is **Only conclusion II follows**.

Q:6 The correct answer is **Option 1** i.e. **Only conclusion I follow**

The possible diagram is as follows:



Conclusions:

I. All Sand being Trees is a possibility → **True** (The possibility is true, as Only a few Trees are Sand is given which means Some Trees are Sand and Some Trees are not Sand, so all Sand can be Trees)

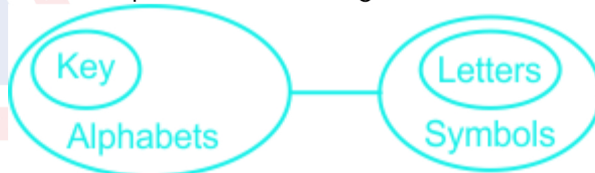


II. Some Parks are Trees → **False** (This is possible but not definite, as no direct relationship between the two is given).

Hence, the correct answer is **Only Conclusion I follows**.

Q:7 The correct answer is **Option 3** i.e. **Neither conclusion I nor II follows**

The least possible venn diagram is as follows:



Conclusions:

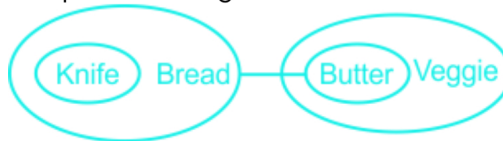
I. All keys being letters is a possibility: **False** (As only alphabets is key, therefore, keys have a positive relationship with alphabets only.)

II. Some alphabets are letters: **False** (As All letters are symbols and No symbol is an alphabet, so no alphabets are letters.)

Hence, the correct answer is **Neither conclusion I nor II follows**.

Q:8 The correct answer is **Option 1** i.e. **Neither conclusion I nor II follows**

The possible diagram is as follows:



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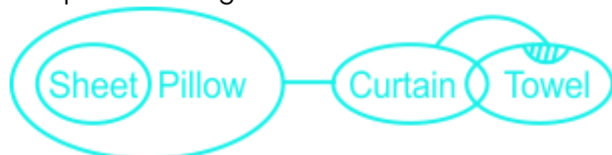
English

Conclusions:

- I. Some knives being butter is a possibility: **False**
(As Only bread is knife, so knife can have a positive relationship with Bread only.)
- II. Some veggies being a knife is a possibility: **False** (As Only bread is knife, so knife can have a positive relationship with Bread only.)
- Hence, the correct answer is **Neither conclusion I nor II follows.**

Q:9 The correct answer is **Option 2** i.e. **Only conclusion II follows**

The possible diagram is as follows:



Conclusions:

- I. Some sheets being curtains is a possibility: **False**
(As No curtain is a pillow and All sheets are pillow, therefore, No sheets is curtains.)
- II. No Sheet is a Curtain: **True** (As No curtain is a pillow and All sheets are pillow, therefore, No sheets is curtains.)
- Hence, the correct answer is **Only conclusion II follows.**

Q:10 The correct answer is **Option 2** i.e. **Only (ii) follows**

The least possible Venn Diagram for the given statements is shown below:



Conclusion:

- I. Some baskets are speakers: **False** (Since no pens are speakers and all baskets are pens)
- II. No baskets are speakers: **True** (Since no pens are speakers and all baskets are pens)