



Syllogisms Questions for NMAT

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Instructions

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

Give answer a: if only conclusion I follows.

Give answer b: if only conclusion II follows.

Give answer c: if either conclusion I or II follows.

Give answer d: if both conclusions I and II follow.

Give answer e: if neither conclusion I nor II follows.

Question 1

Statements:

All buses are cars.

Some buses are trucks.

Conclusions:

I. Some buses are definitely not trucks.

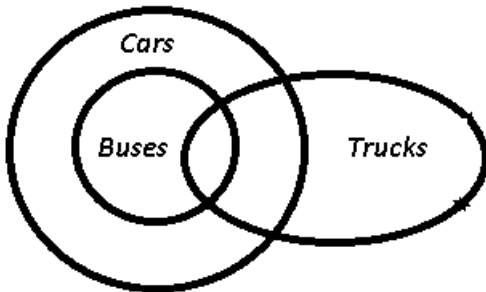
II. At least some trucks are cars.

- A only conclusion I follows.
- B only conclusion II follows.
- C either conclusion I or II follows
- D both conclusion I and II follow.
- E neither conclusion I nor II follows.

Answer: B

Explanation:

The venn diagram for above statements is :



Conclusions:

I. Some buses are definitely not trucks cannot be concluded.

II. At least some cars are trucks = true

Thus, only conclusion II follows.

=> Ans - (B)

Question 2

Statements:

No leaf is a root.

All plants are roots.

Conclusions:

I. No leaf is a plant.

II. Some plants are leaves.

- A only conclusion I follows.
- B only conclusion II follows.

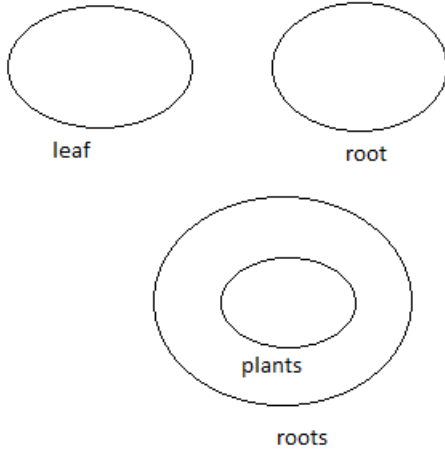
C either conclusion I or II follows

D both conclusion I nor II follow.

E neither conclusion I nor II follows.

Answer: A

Explanation:



from the above figure we can conclude only that no leaf is a plant and hence only conclusion 1 is true

Question 3

Statements:

Some chapters are units.

Some units are topics.

Conclusions:

I. At least some topics are chapters.

II. Some topics are definitely not units.

A only conclusion I follows.

B only conclusion II follows.

C either conclusion I or II follows

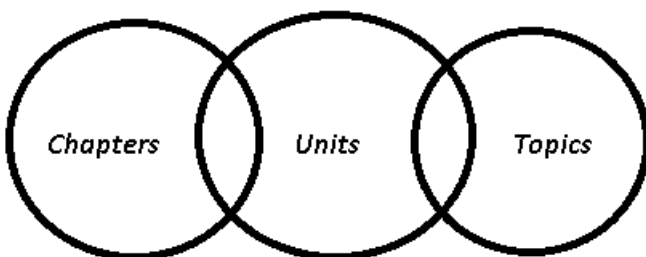
D both conclusion I and II follow.

E neither conclusion I nor II follows.

Answer: E

Explanation:

The venn diagram for above statements is :



Conclusions:

I. At least some topics are chapters = false

II. Some topics are definitely not units = false

Thus, none of the conclusions follow.

=> Ans - (E)

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Question 4

Statements : All bowls are spoons.

All dishes are bowls.

Conclusions: I. Some spoons are dishes.

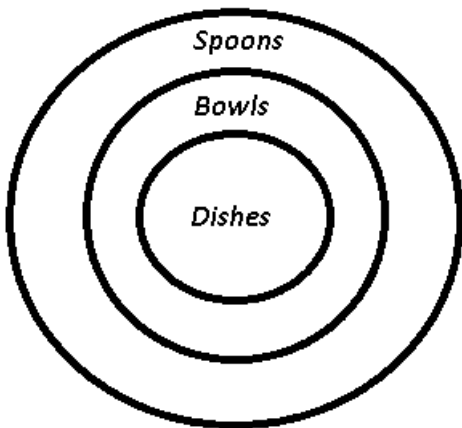
II. All spoons are bowls.

- A only conclusion I follows.
- B only conclusion II follows.
- C either conclusion I or II follows
- D both conclusion I nor II follow.
- E neither conclusion I nor II follows.

Answer: A

Explanation:

The venn diagram for above statements is :



Conclusions :

I. Some spoons are dishes = true

II. All spoons are bowls = false

Thus, only conclusion I follows.

=> Ans - (A)

Question 5

Statements:

Some gates are doors.

No gate is window.

Conclusions:

I. No door is window.

II. Some doors are definitely windows.

- A only conclusion I follows.
- B only conclusion II follows.
- C either conclusion I or II follows

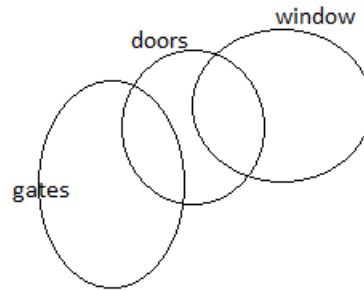
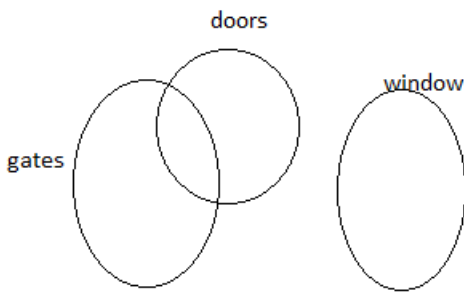
D both conclusion I nor II follow.

E neither conclusion I nor II follows.

Answer: C

Explanation:

from the above statements we can draw the following venn



and hence we can say that either of the statements will be true

Instructions

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

Give answer:

a: if only conclusion I follows.

b: if only conclusion II follows.

c: if either I or II follows.

d: if neither I nor II follows.

e: if both I and II follow.

Question 6

Statements :

All cards are sheets.

All files are cards.

Conclusions :

I. All cards are files.

II. All files are sheets.

A if only conclusion I follows.

B if only conclusion II follows.

C if either I or II follows.

D if neither I nor II follows.

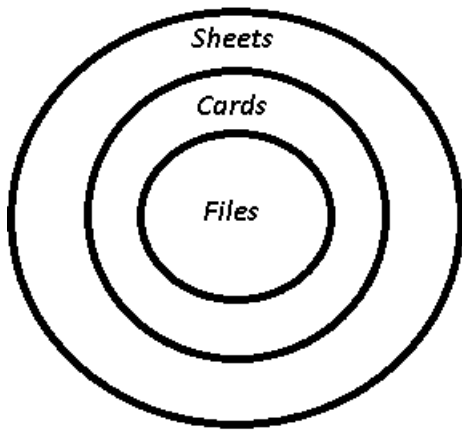
E if both I and II follow.

Answer: B

Explanation:

The venn diagram for above statements is :





Conclusions :

- I. All cards are files = false
- II. All files are sheets = true

Thus, only conclusion II follows.

=> Ans - (B)

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Question 7

Statements :

- Some questions are answers.
- All questions are issues.

Conclusions :

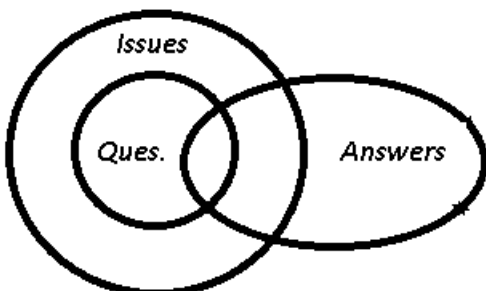
- I. At least some answers are issues.
- II. Some answers are definitely not questions.

- A if only conclusion I follows.
- B if only conclusion II follows.
- C if either I or II follows.
- D if neither I nor II follows.
- E if both I and II follow.

Answer: A

Explanation:

The venn diagram for above statements is :



Conclusions :

- I. At least some answers are issues = true
- II. Some answers are definitely not questions = false

Thus, only conclusion I follows.

=> Ans - (A)

Question 8

Statements :

All roads are streets.

All road is a highway

Conclusions :

I. No highway is street

II. All streets are roads.

A if only conclusion I follows.

B if only conclusion II follows.

C if either I or II follows.

D if neither I nor II follows.

E if both I and II follow.

Answer: D

Question 9

Statements :

I. No book is library.

II. Some books are diaries.

Conclusions :

I. Atleast some libraries are diaries

II. No diary is library

A if only conclusion I follows.

B if only conclusion II follows.

C if either I or II follows.

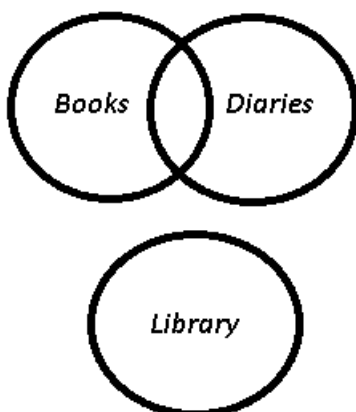
D if neither I nor II follows.

E if both I and II follow.

Answer: C

Explanation:

The venn diagram for above statements is :



Conclusions :

I. Atleast some libraries are diaries = may or may not be true

II. No diary is library = may or may not be true

Thus, either I or II follows.

=> Ans - (C)

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Question 10

Statements :

No pin is a clip.

All pins are fans

Conclusions :

I. All fans are pins.

II. No clip is fan.

A if only conclusion I follows.

B if only conclusion II follows.

C if either I or II follows.

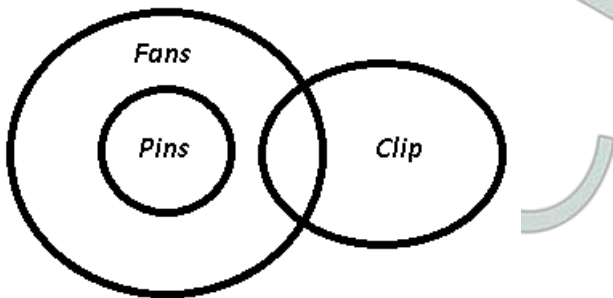
D if neither I nor II follows.

E if both I and II follow.

Answer: D

Explanation:

The venn diagram for above statements is :



Conclusions :

I. All fans are pins = false

II. No clip is fan = false

Thus, neither I nor II follows.

=> Ans - (D)

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