



# MISSION IBPS 2024



# Reasoning

# TOPIC BOOSTER



# SYLLOGISM AND INEQUALITY



 LIVE 09:00 AM

# Join my **TELEGRAM GROUP**



**@reasoningbybasantsir**



**Daily PDF of all YT sessions**



**Discussion / Doubt Solving**



**Direct Interaction with me**



**Quiz**



**Polls**





## Statement:

Only a few Genes are DNA

Only DNA are RNA

No RNA is Protein

## Conclusion:

I. No Gene is Protein

II. Some proteins are Genes

III. Some Genes are not DNA

- a) Only II follows
- b) Either I or II and III follows
- c) Both I and II follows
- d) Both II and III follows
- e) None follows



## Statement:

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

## Conclusion:

I. At least some A are C  
II. All B are C is a possibility  
III. No D is C

- a) Only II follows
- b) Either I or II and III follows
- c) Both I and II follows
- d) Both II and III follows
- e) None follows



## Statement:

All Planets are Stars

Some Stars are Earth

Only a few Suns are Planets

## Conclusion:

I. All Sun being Star is a possibility

II. Some Stars are Sun

III. Some Planets are Earth

- a) Only II follows
- b) Either I or II and III follows
- c) Both I and II follows
- d) Both II and III follows
- e) None follows



## Statement:

All Mathematics are Economics

Only a few Mathematics are Chemistry

No Chemistry is Physics

## Conclusion:

I. All Chemistry are Economics

II. Some Economics are Chemistry

III. All Mathematics being Physics is a possibility

- a) Only II follows
- b) Either I or II and III follows
- c) Both I and II follows
- d) Both II and III follows
- e) None follows



## Statement:

Some twos are threes

No four is ten

Only a few tens are threes

## Conclusion:

I. No three is four

II. Some twos are four is a possibility

III. Some threes are twos

- a) Only II follows
- b) Either I or II and III follows
- c) Both I and II follows
- d) Both II and III follows
- e) None follows



**Study the following information and answer the questions below: Which of the conclusion definitely does not follow.**

**Statement:**

**Some leaves are roots**

**Only a few roots are branches**

**Some leaves are not trees**

**Conclusion:**

**a) Some trees are branches**

**b) Some leaves are roots**

**c) Some roots are not branches**

**d) All leaves are branches**

**e) All roots can be branches**





**Study the following information and answer the questions below: Which of the conclusion definitely does not follow.**

**Statement:**

Some kings are queen

Only a few emperors are king

No queen is princess

**Conclusion:**

- a) Some queen are emperor
- b) Some princess are king
- c) All emperor being queen is a possibility
- d) All king being princess is a possibility
- e) All kings are queen



**Study the following information and answer the questions below: Which of the conclusion definitely does not follow.**

**Statement:**

**Some countries are not continent**

**Only villages are continent**

**Only a few countries are towns**

**Conclusion:**

- a) All countries being villages is a possibility**
- b) Some towns are villages**
- c) All continents are towns**
- d) All countries can never be towns**
- e) Some villages are not countries**



**Study the following information and answer the questions below: Which of the conclusion definitely does not follow.**

**Statement:**

**All letters are symbols**

**Some consonants are vowels**

**Only a few letters are consonants**

**Conclusion:**

- a) Some symbols are not consonants**
- b) Some vowels are letters**
- c) All letters are consonants is a possibility**
- d) All symbols are letters**
- e) Some symbols are vowels**



## Conclusions-

No superman is batman.

All ironman being human is a possibility.

## Statements-

**a)** All humans are superman. All superman are avenger. No avenger is a batman. All ironman are batman.

**b)** Some humans are superman. Some superman are avengers. No avenger is a batman. All batman are ironman.

**c)** Some human are superman. All superman are avengers. Some avengers are batman. All ironman are batman.

**d)** Some humans are superman. All superman are avengers. No avenger is a batman. All ironman are batman.

**e)** None of these.



## Conclusions-

All cows are lions

All horses are monkeys.

## Statements-

a) Some cows are horses. All horses are lions. All monkeys are lions.

b) All cows are horses. All horses are lions. All lions are monkeys.

c) All horses are cows. All lions are horses. All monkeys are lions.

d) Some cows are the horses. Some horses are lions. All lions are monkeys.

e) None of these.



## Conclusions-

No water is earth

All fire cannot be sky

Some water may be wind

## Statements-

**a)** Some wind are not fire. Some fire are not water. Some water are sky. Some sky are earth.

**b)** All wind are fire. Some fire are water. No water is sky. All earth are sky.

**c)** Some wind are fire. No fire is water. Some water are sky. Some sky are not earth.

**d)** Some wind are not fire. Some fire are water. Some wind are sky. All sky are earth.

**e)** None of these.



## Conclusions-

No woman is girl.

No man is boy.

All kids may be boy.

## Statements-

**a)** All men are girls. All boys are women. All women are kids. No kid is girl.

**b)** Some men are girls. Some boys are not women. All women are kids. Some kids are not girls.

**c)** Some men are not girls. Some boys are women. Some women are kids. No kid is girl.

**d)** All men are girls. Some girls are kids. Some kids are not women. All women are boys.

**e)** None of these.



## Conclusions-

No bike being train is a possibility.  
Some bikes are cycle.  
Some cycles are car.

## Statements-

- a) All trains are cycles. All trains are cars. No cycle is a scooter. No scooter is a bike.
- b) Some trains are not cycle. Some trains are not cars. Some cycles are not scooters. No scooter is a bike.
- c) All trains are cycles. Some trains are cars. Some cycles are scooters. All scooters are bikes.
- d) Some trains are cycle. All trains are cars. No cycle is a scooter. Some scooters are not bikes.
- e) None of these.





Which of the following symbols should replace the sign respectively in order to complete the given expression in such a manner that “**C > D**” definitely holds false?

$$L < O > C \leq K @ E * D > N$$

- a)  $\geq, >$
- b)  $\neq, \wedge$
- c)  $\wedge, \wedge$
- d)  $=, \leq$
- e)  $\leq, \leq$



Study the following information and answer the question:

If  $F < J$  is definitely true, then  $F\_T\_R\_J$

- a)  $\leq, =, \leq$
- b)  $\leq, >, =$
- c)  $<, \geq, >$
- d)  $<, \leq, =$
- e) None of the above



Study the following information and answer the question:

If  $B \leq X$  is definitely true, then  $B\_H\_L\_X$

a)  $\leq, <, =$

b)  $\leq, =, \leq$

c)  $\geq, =, >$

d)  $\geq, <, =$

e) None of the above



**Find the appropriate statement for the given conclusion**

**Conclusion:  $R < Q, M > L$**

- a)  $R < T = M > Q > L$
- b)  $R < M > T > Q = L$
- c)  $L < M > Q > T > R$
- d)  $M > Q < L = T > R$
- e) None of these



Find the appropriate statement for the given conclusion

**Conclusion:**  $H \geq T$

- a)  $G \geq H > I \geq T$
- b)  $H \geq G = T \geq I$
- c)  $G \leq T = I > H$
- d)  $I \geq T = G > H$
- e) None of the above



Which of the following symbols should replace the question mark?

If  $P < S$  is true,  $P \leq Q \leq R ? T = S$

- a)  $\leq$
- b)  $\geq$
- c)  $=$
- d)  $\wedge$
- e)  $\vee$



Which of the following symbols should replace the question mark?

If  $A \leq E$  is true,  $B = A \leq G ? H = E$

- a)  $\geq$
- b)  $\leq$
- c)  $=$
- d)  $<$
- e) Either b or c



Which of the following symbols should replace the question mark?

Which of the following is true if  $K \leq L < M = N > O$  is true?

- a)  $L \leq M$
- b)  $K < O$
- c)  $O < L$
- d)  $K < N$
- e) None of these





Which of the following symbols should replace the question mark in the given statement in order to make conclusion “**S > O**” definitely true?

$$S \geq I ? V = O \geq B > E$$

- a) =
- b)  $\geq$
- c)  $\leq$
- d)  $<$
- e) None of these



Which statement should be placed in the blank spaces respectively( from left to right)?

If  $Z < Y$  is true, then  $\underline{\quad} < \underline{\quad} \leq \underline{\quad} = \underline{\quad}$

- a) X Z T Y
- b) X Z Y T
- c) X Y T Z
- d) Z X T Y
- e) Y X Z T



Which of the following symbols should replace the sign respectively in order to complete the given expression in such a manner that “Z > S” definitely holds True?

$$C \leq Z \geq R \geq K \# Y \geq S$$

- a)  $\equiv$
- b)  $\wedge$
- c)  $\vee$
- d)  $\parallel$
- e)  $\nabla$



Which of the following would replace @ and & in the following expression so that 'O > N' is definitely true?

$$L = O > W @ M \leq K; M > F \& C \geq N$$

- a)  $\wedge, =$
- b)  $\vee, \wedge$
- c)  $=, \wedge$
- d)  $\vee, \wedge$
- e)  $\wedge, \vee$



In which of the following expressions will the expression ' $Y < R$ ' be definitely true?

- a)  $Y \geq P = U = R$
- b)  $Y < U > R > P$
- c)  $Y \leq U = P < R$
- d)  $U > Y \geq R < P$
- e)  $R > U = P < Y$



In the following question, how to place the symbols so that both the conditions,  $R > G$  and  $N < F$ , definitely hold true when all the expressions are considered together?

$R \_ E > W < X \leq F; W \_ S > G; X \geq U \_ N$

- a)  $>, =, \geq$
- b)  $=, <, <$
- c)  $>, \geq, <$
- d)  $=, \geq, >$
- e)  $\leq, =, >$



What will come in the place of question mark (?) in the given statement if  $4 > 8$  and  $9 \geq 6$  is definitely true?

$$4 \geq 5 > 9 (?) 8 \geq 7 = 6$$

- a) =
- b)  $\geq$
- c)  $>$
- d)  $\leq$
- e) Either = or  $\geq$



What will come in the place of question mark (?) in the given statement if  $4 > 8$  is definitely true?

$$2 \geq 3 = 4 \geq 5 (?) 6 = 7 \geq 8$$

- a) =
- b)  $\forall$
- c)  $\vee$
- d)  $\exists$
- e)  $\wedge$



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Thank  
you!