

Sign Conclusion

चिन्ह निष्कर्ष

INEQUALITY

$>$, $<$, $=$, $\geq$, $\leq$

$A > B \rightarrow A, B$ में बड़ा है

$A < B \rightarrow A, B$ में छोटा है

$A = B \rightarrow A, B$ के बराबर हैं।

$A \neq B \rightarrow A, B$ के बराबर नहीं हैं।

($A > B$ या $A < B$)

$A \geq B \rightarrow A, B$ में बड़ा और बराबर है

$A \leq B \rightarrow A, B$ में छोटा और बराबर है

* $A \nless B \rightarrow A, B$ में बड़ा नहीं है ($A \leq B$)

* $A \ngtr B \rightarrow A, B$ में छोटा नहीं है ($A \geq B$)

* $A \nless B \rightarrow A, B$ में बड़ा और बराबर नहीं है ($A < B$)

* $A \ngtr B \rightarrow A, B$ में छोटा और बराबर नहीं है ($A > B$)

Question / यद् (Pattern)

Statement / कथन :-

$$A > B > C = D > E < F \leq G$$

Conclusion / निष्कर्ष :-

i) $A > C$

ii) $B > E$

Statement / कथन :-

$$A > B > C ;$$

$$C > D < E ;$$

$$D > F > E ;$$

Conclusion / निष्कर्ष :-

i) $C > E$

ii) $B > D$

Answer / उत्तर

- A) Only 1st follow. $(1^{\text{st}} \checkmark)$
- B) Only 2nd follow. $(2^{\text{nd}} \checkmark)$
- C) Either 1st or 2nd follow. $(\epsilon / 0)$
- D) Neither 1st nor 2nd follow. $(1^{\text{x}}, 2^{\text{x}})$
- E) Both 1st and 2nd follow. $(1^{\checkmark}, 2^{\checkmark})$

1	$\checkmark$	x
2	x	$\checkmark$

Rules (नियम)

Q.1
II

Statement/कथन :-

$$A > B > C > D > E$$

Conclusion/निष्कर्ष :-

$$i) A > B \times$$

$$ii) A > B \checkmark$$

$$A > B$$

$$i) A > B \times$$

$$ii) A > B \checkmark$$

Complete
Relation
दिखा है

Conclusion में
गैर सही होगा।

II) v.v. Imp.
Q.2. Statement/অনুসার :-

$$A \geq B > C$$

$$A > C$$

Conclusion/নিবৃতি :-

$$i) A > C \checkmark$$

$$ii) A \geq C \times$$

Only 1st follow.

Statement/অনুসার :-

$$A \geq B = C$$

$$A > B \checkmark$$
$$A \geq C \checkmark$$

Conclusion/নিবৃতি :-

$$i) A > C \times$$

$$ii) A \geq C \checkmark$$

Only 2nd follow.

$A \geq C$

આપ્યા
જાણ્યો
સંબંધ

$A > B > C$

પુરો સંબંધ

i) $A > C$ ✗

ii) $A \geq C$ ✓✓

Q.

Statement / कथन :-

$$A \geq \underbrace{B = C = D} > E > F < G$$

Conclusion / निष्कर्ष :-

$$\begin{array}{l} D > G \\ D < G \\ D = G \end{array}$$

$$\begin{array}{l} E > G \\ E < G \\ E = G \end{array}$$

Q.1

i) $A \geq C$ ✓
ii) $A \geq D$ ✓

Both follow.

Q.2

i) $B > D$ ✗
ii) $B = D$ ✓

2nd follow.

Q.3

i) $D > F$ ✓
ii) $D > G$ ✗

1st follow.

Q.4

i) $E > G$ ✗	N/N
ii) $E < G$ ✗	Both wrong

Either/or (या वाली स्थिति)

→ 2 Case होते हैं

Doubt

Case-I

Q. Statement/स्थान

$A > B > C < D$

Conclusion/निष्कर्ष :-

i) $A > B$

ii) $A = B$

(100%)

एक ही स्थान में

(100%) $A \geq B$

$>$

✓
✗

$=$

✗
✓

Either/or

$\varepsilon/0$

$$A \circlearrowright B$$

$$\text{i) } A > B$$

$$\text{ii) } A = B$$

Either/or

$$\text{i) } A = B$$

$$\text{ii) } A > B$$

Either/or

$\varepsilon/0$

$$A \circlearrowleft B$$

$$\text{i) } A < B$$

$$\text{ii) } A = B$$

Either/or

$$\text{i) } A = B$$

$$\text{ii) } A < B$$

Either/or

Case-II

Q. Statement/condition :-

$$A > B > \vdots C < \vdots D < E$$

Break Point

Conclusion/निष्कर्ष :-

- i) $A \geq D$ x ✓
- ii) $A < D$ ✓, x

either/or

$$\begin{matrix} > \\ < \\ = \end{matrix}$$

Conclusion/निष्कर्ष :-

Q.1

- i) $B < D$
- ii) $B \geq D$

either/or

Q.2

- i) $A \geq E$
- ii) $A < E$

either/or

Q.3

- i) $B > E$
- ii) $B \leq E$

either/or

Ans

Practice

Q.

Statement / कथन :-

$$\begin{matrix} E > G \\ E < G \\ E = G \end{matrix}$$

$$\begin{matrix} E > I \\ E < I \\ E = I \end{matrix}$$

$$B > E$$

$$A > E$$

$$H > G$$

$$A > B > D = E > F < G \leq H > I$$

Break Point

Conclusion / निष्कर्ष :-

Q.1
i) $A > D$ X
ii) $A > D$ ✓
2nd follow.

Q.2
i) $A > E$ X
ii) $A \geq E$ ✓
2nd follow.

Q.3
i) $B > E$ X
ii) $B < E$ X
Both wrong

Q.4
i) $A > E$
ii) $A = E$
Either/or

Q.5
i) $H > G$
ii) $H = G$
Either/or

Q.6
i) $F < H$ ✓
ii) $F \geq H$ X
1st follow.

Q.7
i) $E > G$
ii) $E \geq G$
Both wrong

Q.8 Both wrong
i) $E > G$ X
ii) $E < G$ X

Q.9 Both wrong
i) $E > G$ X
ii) $E = G$ X

Q.10 Either/or
i) $E > G$
ii) $E \leq G$

Q.11 Both wrong
i) $G \geq I$
ii) $G = I$

Q.12 Either/or
i) $G \geq I$
ii) $G < I$

Q.13 Either/or
i) $E > I$
ii) $E \leq I$

Q.14 Both wrong
i) $E > I$ X
ii) $E < I$ X

$$A > B < C$$

$$\begin{aligned} \text{i) } A > C \\ \text{ii) } A < C \end{aligned}$$

Either/or ✓

$$\begin{aligned} \text{i) } A \leq C \\ \text{ii) } A > C \end{aligned}$$

Either/or ✓

$$\begin{aligned} \text{i) } A \geq C \\ \text{ii) } A \leq C \end{aligned}$$

Both wrong

$$\begin{aligned} \text{i) } A > C \\ \text{ii) } A < C \end{aligned}$$

Both wrong

Q. Statement / दावा :-

$$A > B > C < D \leq E = F$$

(Note: In the original image, there are two vertical dashed lines between B and C, and between C and D. A curved arrow with an 'X' is drawn below the expression, pointing from the first dashed line to the second, indicating a contradiction or invalid relationship.)

Conclusion / निष्कर्ष :-

Q.1

$$\begin{matrix} A > D \\ A < D \\ A = D \end{matrix}$$

Q.1

$$\begin{matrix} A > D \\ A \leq D \end{matrix}$$

Either/or

Q.1

i) $A > D$

ii) $D \geq A$

Either/or

Q.2

i) $B > E$

ii) $B \leq E$

Either/or

Q.3

i) $B > E$

ii) $B \leq F = E$

Either/or

Q.4

i) $B < D$

ii) $D \leq B$

Either/or

Q.4

$$\begin{matrix} B < D \\ B \geq D \end{matrix}$$

Thank You

Keep Smile Always
