

Letter Basics

thought process
concept

+
Example

↓
practice

Letter Series



अक्षर

श्रृंखला

↓ Series

²B, ⁴D, ⁶F, ⁸H, J, L, N...?

Logic

Letter (अक्षर) Series

Difference Based (अंतर आधारित)

- Single letter ✓
- Double ✓
- Triple letter ✓
- Four ✓
- More than four ✓

Removing / Adding Based

- No. of letter decreasing ✓
- No. of letter increasing ✓
- Simultaneous addition & subtraction

Note -

- Though Difference is main key behind all logics yet one needs to be aware of different representations and formats the question has put the data in. / यद्यपि अंतर सभी तर्कों के पीछे मुख्य कुंजी है, फिर भी प्रश्न में डेटा को जिन विभिन्न प्रस्तुतियों और स्वरूपों में प्रस्तुत किया गया है, उनके बारे में जागरूक होना आवश्यक है।

for example :-

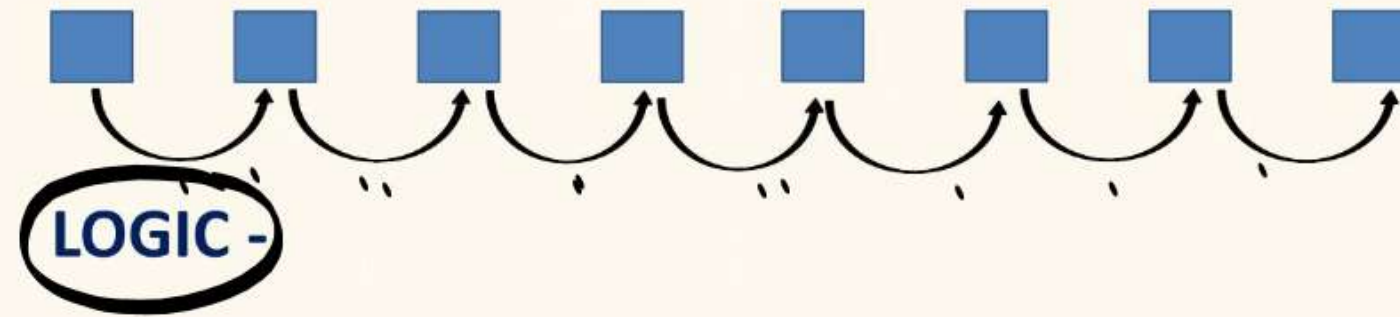
BY, CX, EV, GT, KP, MN, QJ, ... **SH** ✓
 ↑₂ ↑₃ ↑₅ ↑₇ ↑₁₁ ↑₁₃ ↑₁₇

Set
 □ (B,Y), (C,X), (E,V), (G,T), (K,P), (M,N), .. **(S, H)**

□ B^Y, C^X, E^V, G^T, K^P, M^N, .. **S^H**

□ $\frac{B}{Y}, \frac{C}{X}, \frac{E}{V}, \frac{G}{T}, \frac{K}{P}, \frac{M}{N}$, .. **$\frac{S}{H}$**

STANDARD PATTERN



✱ **NOTE** – Logics here makes the question interesting & different

Logics can vary

- ✱ - Fix addition ✓
 - +2,+2,+2,+2....and so on
- ✱ - Fix subtraction (धराई)
 - -4,-4,-4,-4,-4,-4.....and so on
- ✱ - Alternate
 - Addition +3,+7,+3,+7.....
 - Subtraction -5,-2,-5,-2,-5,-2,-5,-2
 - Add/ subtraction +4,-6,+4,-6,+4,-6,.....so on

Dhadkan



✓ → **series** (+2, +4, +6, +8, +10,)

(+1, +3, +5, +7,)

+2, -3, +5, -7,

-2, -3, +5, +7, -9, -11,

→ **Next Vowel/ Alternate vowel**

A → E → I → O → U


▪ **Opposite** ✓

Eg: CX, DW, EV, FU

▪ **MULTIPLES** ✓

Eg: A → B → D → H → P
 1 2 4 8 16



■ SQUARE POSITION BASED

Eg:

A,



1

1^2

D,



4

2^2

I,



9

3^2

P,



16

4^2

1^2
 2^2
 3^2
 4^2
 5^2

■ PRIME NUMBER BASED

Eg:

B,



2

C,



3

E,



5

G,



7

1^2
 2^2
 3^2
 4^2
 5^2
 6^2
 7^2



अमानक

Non standard Patterns :-

I. **BKE, OHS, KWN, AQE, ?** 3 अक्षर



(B,K,E), (O,H,S), (K,W,N), (A,Q,E), ?

III. **KBI, QLE, YOJ, VKK, N_H**
K-B=I, Q-L=E, Y-O=J, V-K=K

(K,B,I), (Q,L,E), (Y,O,J), (V,K,K), (N,_H)

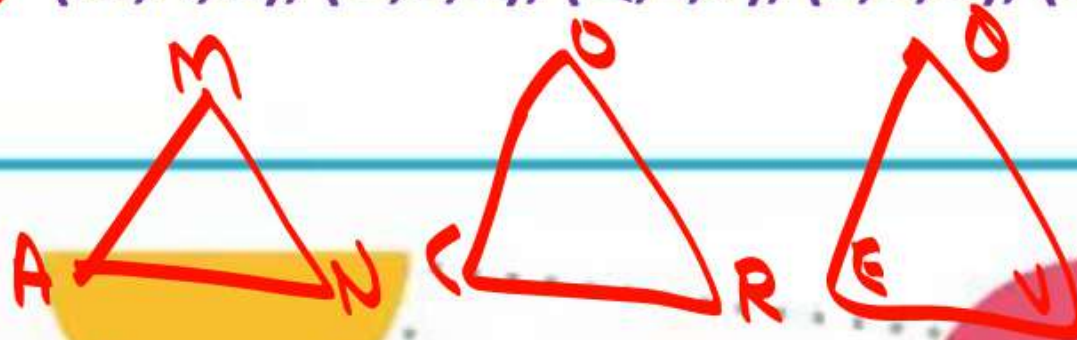
II. **MAN, OCR, QEV, SBU, UDY,**



M+A=N, O+C=R, Q+E=V, S+B=U, U+D=Y,

(M,A,N), (O,C,R), (Q,E,V), (S,B,U), (U,D,Y)

pattern

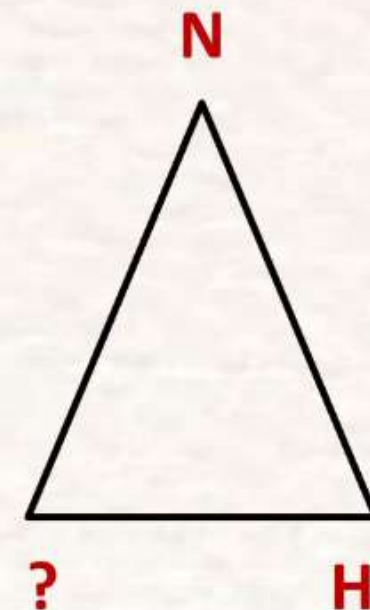
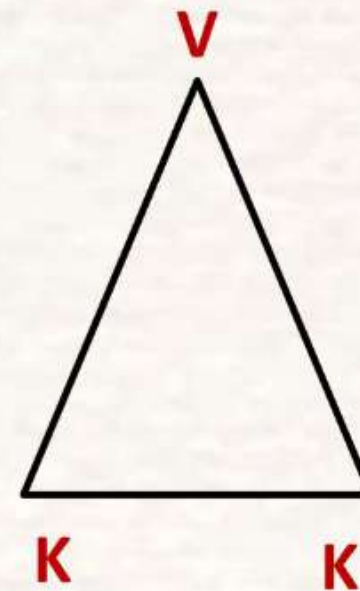
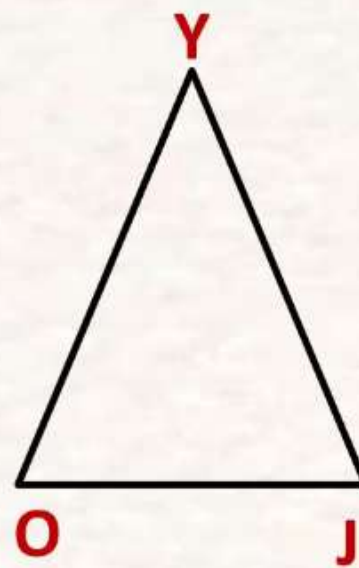
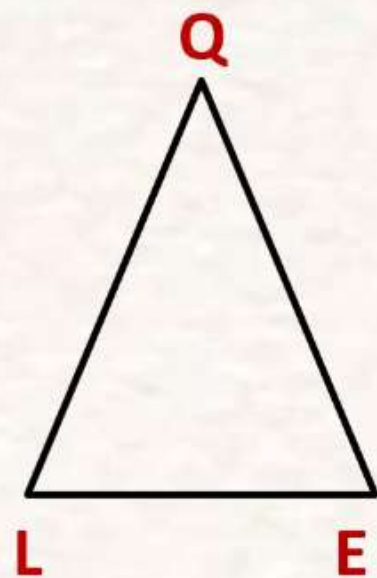
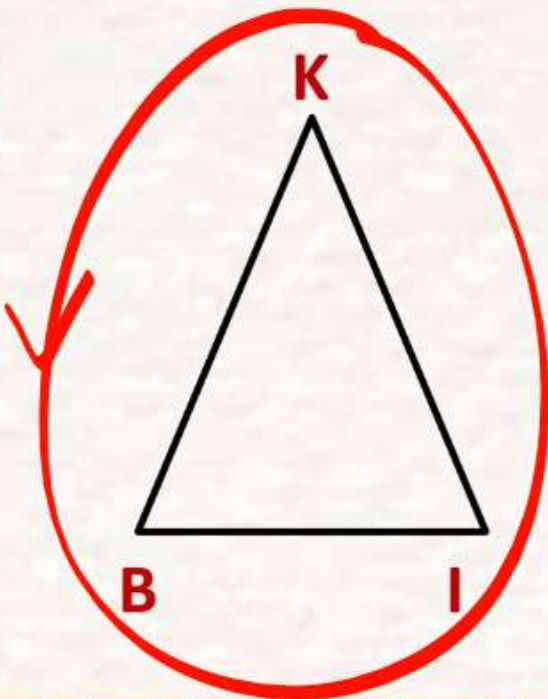


Note -

- In reasoning different representation adds an extra layer of difficulty in terms of sets, triads, geometrical Representation (triangle, square, boxes, rectangles etc).

For example-

✓ KBI, QLE, YOJ, VKK, N_H
 ✓ (K,B,I), (Q,L,E), (Y,O,J), (V,K,K), (N _ H)





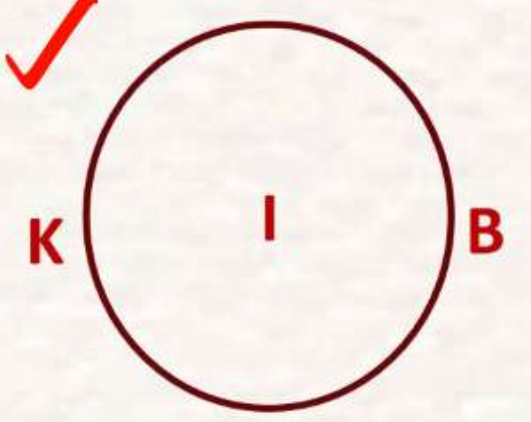
K		
	B	
		I

Q		
	L	
		E

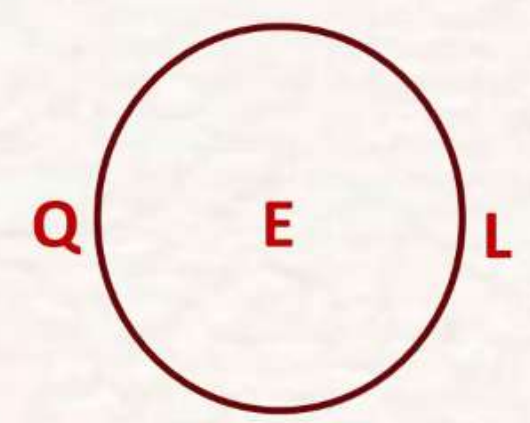
Y		
	Q	
		J

V		
	K	
		K

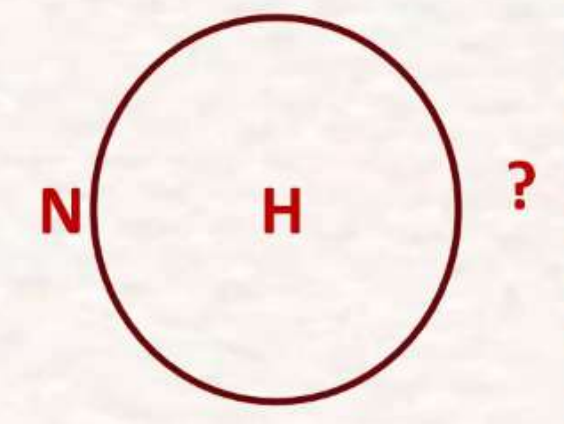
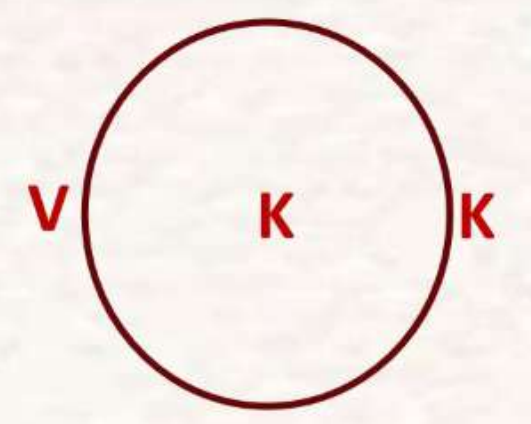
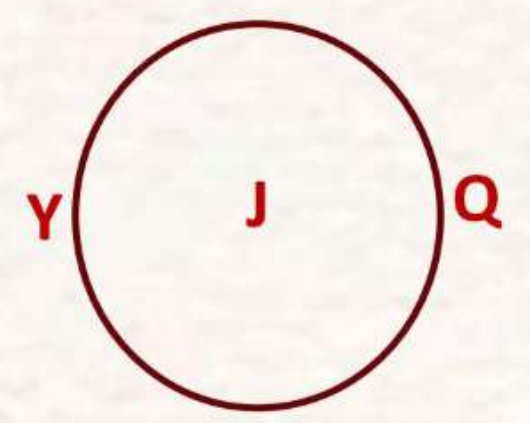
N		
	-	
		H



$$K - I = B$$



$$Q - E = L$$



IV. ^{2x3 6} ✓ BCF, (B,C,F) ✓
 $B \times C = F$
^{1x13} AMM, (A,M,M)
 $A \times M = M$
^{3x8} CHX, (C,H,X)
 $C \times H = X$
^{12x2} LBX, (L,B,X)
 $L \times B = X$
^{3 5} CEO, (C, E, O)
 $C \times E = O$
^{9 18} I_R (I, ³ R)

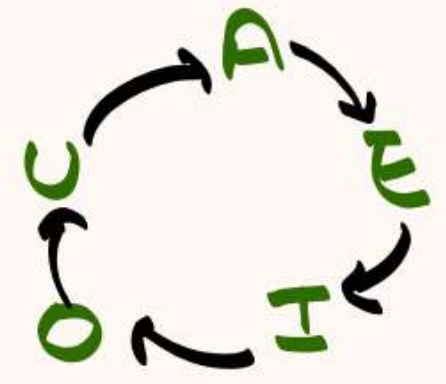
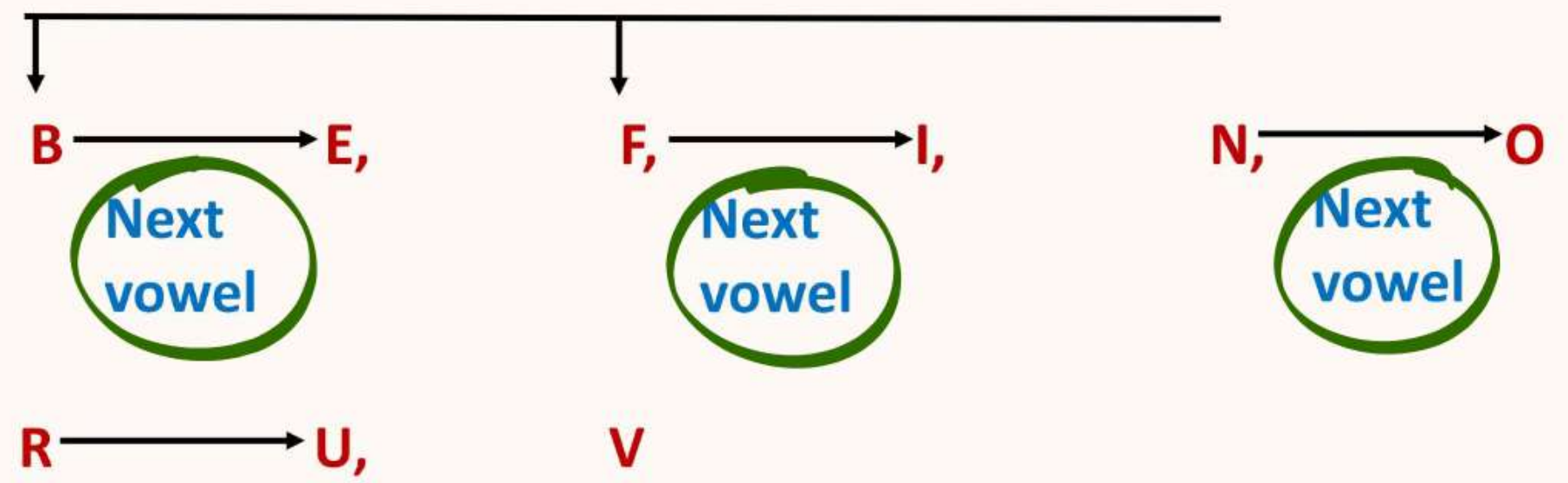
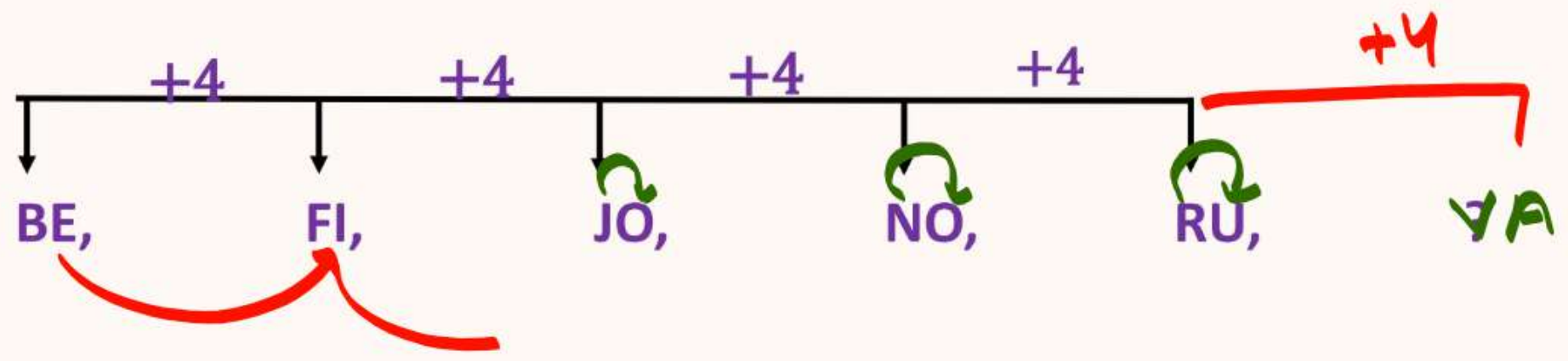
V. ^{MOB}, $M+B=O$
^{IOF}, $I+F=O$
^{ADC}, $A+C=D$
^{MUH}, $M+H=U$
^{KS_H}, $K+H=S$

VI. ^{KB},
 $K(11) \rightarrow 1 + 1 = 2(B)$
 $L(12) \rightarrow 1 + 2 = 3(C)$
 $N(14) \rightarrow 1 + 4 = 5(E)$
^{12 3} LC,
^{14 5} NE,
^{17 8} QH,
 $Q \rightarrow 1+7=8(H)$
 $U \rightarrow 2+1=3(C)$
 $Z \rightarrow 2+6=11(H)$
^{21 3} UC,
^{26 24} Z_H

$K \xrightarrow{+1} L \xrightarrow{+2} N \xrightarrow{+3} Q \xrightarrow{+4} U \xrightarrow{+5} Z(26)$



VII.



Note -

This type includes Arranging letters in order, adding or remaining or both followed by some logic./इस प्रकार में अक्षरों को क्रम में व्यवस्थित करना, जोड़ना या शेष रखना या दोनों करना तथा उसके बाद कुछ तर्क देना शामिल है।

Removing / Adding / Rearrangement Based

A. Decreasing of letters (घटते क्रम)

QNAGOMABP QNAGOMAB QNAGOMA QNAGOM, ? QNAGU, QNAG, QNA, QN

B. INCREASING OF LETTERS ✓

CKB, CKBD, ECKBD, ECKBDF, GECKBDFH, IGECKBDFH

C. KMOLCVNUC, CKMOLVNUC, CCKMOLVNU, CCKLMOVNU, CCKLMNOVU, ? Rearrangement

> VIKAS, AVIKS, AIVKS, AIKVS, AIKSV → Vowel → increasing
Consonant → increasing

> CENTRAL, TCENRAL, TRCENAL, TRNCEAL, TRNLCEA, TRNLECA ✓

A large black checkmark is positioned to the left of the text.

Practice Questions

1. Which letter-cluster will replace the question mark (?) to complete the given series?

दी गई श्रृंखला को पूरा करने के लिए कौन सा अक्षर-समूह प्रश्न चिह्न (?) का स्थान लेगा?

DOAW, ALDY, ?, UFJC, RCME

[A] XJVR

[C] XIGA

[B] XJUQ

[D] XJVQ

मानक $\rightarrow$

1 st अक्षर	-3	✓	diff ⁿ
2 nd अक्षर	-3		
3 rd	+3		
4 th	+2		



2. Which of the following numbers will replace the question mark (?) in the given series?

निम्नलिखित में से कौन सी संख्या दी गई श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित करेगी?

AGM, CEO, ECQ, GAS, ? IYU

☒ [A] IYU

☐ [C] YUI

☐ [B] JZS

☐ [D] IUY

3. Find the next term in given series.

दी गई श्रृंखला में अगला पद ज्ञात कीजिए।

ANIT INSTITUTIONALISM INSTITUTIONA, T INSTITUTIONAL, TITUTI, NSTITUTION, ?

- [A] TUTI
- [C] TIONA

- [B] TU
- [D] TITUTI

TU, STITUTION, —

4. Find the next term in given series.

दी गई श्रृंखला में अगला पद ज्ञात कीजिए।

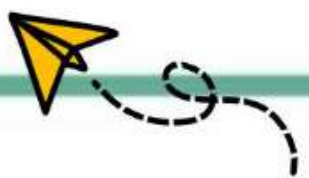
ANITINSTITUTIONALISM, INSTITUTIONNA, TINSTITUTIONAL, TITUTI, NSTITUTION?

[A] TUTI

~~[B] TU~~

[C] TIONA

[D] TITUTI



5. Which of the following numbers will replace the question mark (?) in the given series?

निम्नलिखित में से कौन सी संख्या दी गई श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित करेगी?

D, H, L, P, T, ?

[A] P

[C] R

[B] M

[D] X

+4 +4 +4

6. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

एक श्रृंखला दी गई है जिसमें एक पद लुप्त है। दिए गए विकल्पों में से वह सही विकल्प चुनें जो श्रृंखला को पूरा करेगा।

PV, RZ, TD, VH, XI

~~[A] VH~~

~~[C] UG~~

[B] VG

~~[D] UH~~

(
+2

(
+2

(
+4

(
+4



7. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

एक श्रृंखला दी गई है जिसमें एक पद लुप्त है। दिए गए विकल्पों में से वह सही विकल्प चुनें जो श्रृंखला को पूरा करेगा।

TP, VM, XJ, ZG, ? **B D**

☒ [A] BD $-3 -3 -3$

[C] BE

[B] CE

[D] CD

$+2$ $+2$ $+2$
 -3 -3



8. **Select the combination of letters that when sequentially in the blanks of the given series will complete the series.**

अक्षरों के उस संयोजन का चयन करें जिसे दी गई श्रृंखला के रिक्त स्थानों में क्रमिक रूप से रखने पर श्रृंखला पूरी हो जाएगी।

BA, DC, E, H, JI, _K

☒ [A] FGL

[C] LGF

[B] GFL

[D] GGL

9. **Select the letter - cluster that can fill in the blank in the following series.**
 उस अक्षर-समूह का चयन करें जो निम्नलिखित श्रृंखला में रिक्त स्थान को भर सकता है।

ABCD, ____, XYZA, XXXX, UVWX, UUUU

☒ [A] AAAA

☐ [C] DDDD

☐ [B] DCBA

☐ [D] BCBA

Handwritten analysis of the series:

Row 1: A, A, X, X, U, U. Brackets above with -3 above each pair (A,A), (X,X), (U,U).

Row 2: B, A, Y, X, V, U. Brackets below with -1 above each letter and -2 below each pair (A,Y), (X,V), (U,U).

Row 3: C, A, Z, X, W, U. Brackets below with -1 above each letter and -2 below each pair (A,Z), (X,W), (U,U).

10. Select the letter - cluster from among the given options that can replace the question mark (?) in the following series.

दिए गए विकल्पों में से अक्षर - समूह का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सकता है।

AEJOT, XBGLQ, UYDIN? *RVA*

~~[A] RVBCJ~~

~~[B] RVBFJ~~

~~[C] RUBDG~~

✓ [D] RVAFK

11.

PGLT, RHNU, TIPV, VJRW, ?~~X~~K

~~[A] WKUX~~

~~[C] WXKT~~

~~[B] XLTX~~

☒ [D] XKTX

12.

UV, OY, IB, EE, ? A^H

~~[A] ZK~~ +3 +3

~~[C] BI~~

U, O, I, E, A
Vowel

~~[B] AH~~

~~[D] BH~~

13.

AXY, EZW, ICU, OHS, ? UO -

+2 +3 +5 +7

~~[A] UOQ~~

~~[C] UNQ~~

~~[B] UPO~~

~~[D] VOQ~~

14.

GTCL, KWEM, OZGN, SCIO, ?

(Handwritten annotations: +3 above each pair of letters, and a vertical line after the question mark)

[A] VCLQ

[C] VJEF

[B] WKFD

[D] WFKP

Smart → 2nd Series

15. DNU, ~~P~~, NXE, SCJ, XHO

[A] GQW $+5$ $+5$

[C] HRY

~~[B] CPV~~
 [D] ISZ

16. **MGB, NIE, OKH, PMK, ?**

☒ **[A] QON**
☐ **[C] OQN**

[B] PQJ
[D] OPK

17.

EBD, JGI, ~~Q~~, TQS, YVX

~~[A] OKN~~

~~[C] NLO~~

~~[B] OLN~~

~~[D] NKO~~

18.

PQSS, SKBG, VEKU, YYTI, ? B - W

[A] BMQR

[C] RSRT

[B] BSDV

[D] BSCW

4th → ✓

19.

EGJM, GFLN, IENO, ~~P~~, MCRO

- ☒ [A] KDPP
- ☐ [C] KPDK

- ☐ [B] KPDD
- ☐ [D] KPDP

4th

20. **LAFI, MCGL, PH, OGIR, PIJU**

[A] ~~NFHO~~

✓ [C] ~~NEHO~~

[B] ~~NFIO~~

[D] ~~NEIO~~

21.

ABNC, HGWN, OLFY, VQOJ, ?

~~[A] TDMR~~

☒ [C] CVXU

~~[B] CMRO~~

~~[D] CNTD~~

4th Letter



22. $\frac{A}{z}, \frac{B}{y}, \frac{C}{x}, \frac{D}{w}, \frac{E}{?}$

$\checkmark$ $\frac{[A]}{[c]}$ $\frac{E}{V}$ $\frac{U}{E}$

$\frac{[B]}{[D]}$ $\frac{E}{U}$ $\frac{X}{Z}$

23.

~~YE~~, VD, SJ, ? PP

[A] GP

[C] KP

F, D, J,

[B] PG

[D] PK

~~(E)~~ PP

24. **ABC, BCE, CDG, ? - I**

~~[A] DEI~~

~~[C] DIE~~

~~[B] DEG~~

~~[D] GIJ~~

25. **AZ, EV, IR, OL, ?** F

~~[A] FL~~

~~[C] PQ~~

✓ ~~[B]~~ UF
[D] UV