



 *Mahendra's*

UP Police कांस्टेबल 2021

REASONING

CODING DECODING

एकदम शुरू से...



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 **4:00 PM**

LIVE 



UPCOMING ONLINE BATCHES

December 2021

01 Dec 2021

08:00 AM to 10:00 AM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

05:30 PM to 07:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

01:00 PM to 03:00 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

08 Dec 2021

10:30 AM to 12:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

03:00 PM to 05:00 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

08:00 AM to 10:00 AM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

15 Dec 2021

01:00 PM to 03:00 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

10:30 AM to 12:30 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

22 Dec 2021

08:00 AM to 10:00 AM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

29 Dec 2021

10:30 AM to 12:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

03:00 PM to 05:00 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

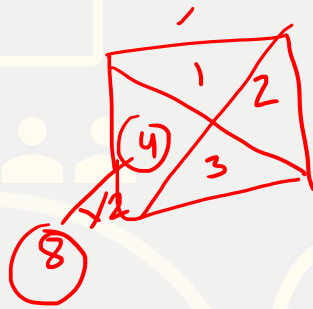
BILINGUAL



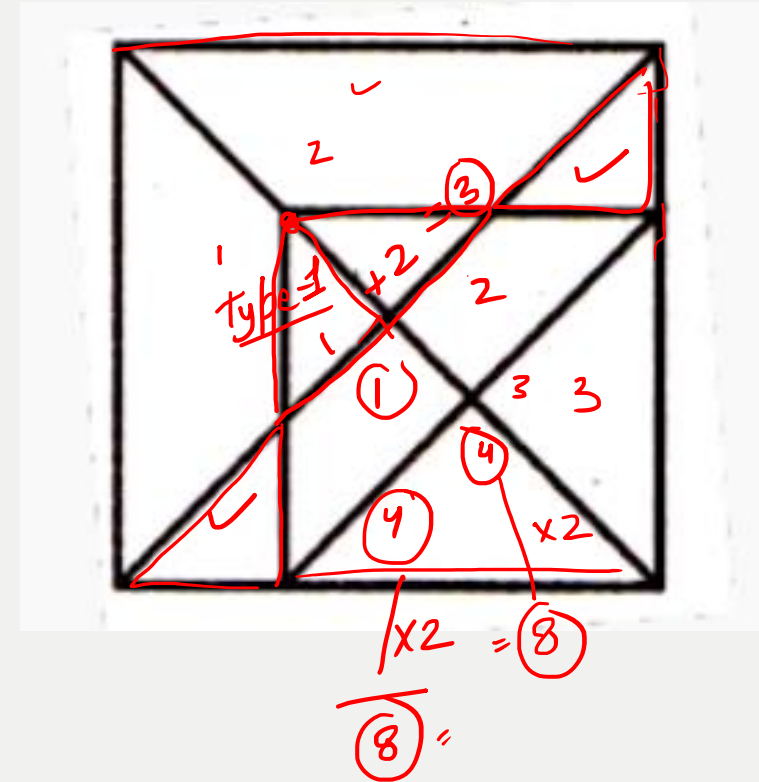
Type 2

Q. Find number of triangles?

- (a) 16
- (b) 18
- (c) 21
- (d) 20

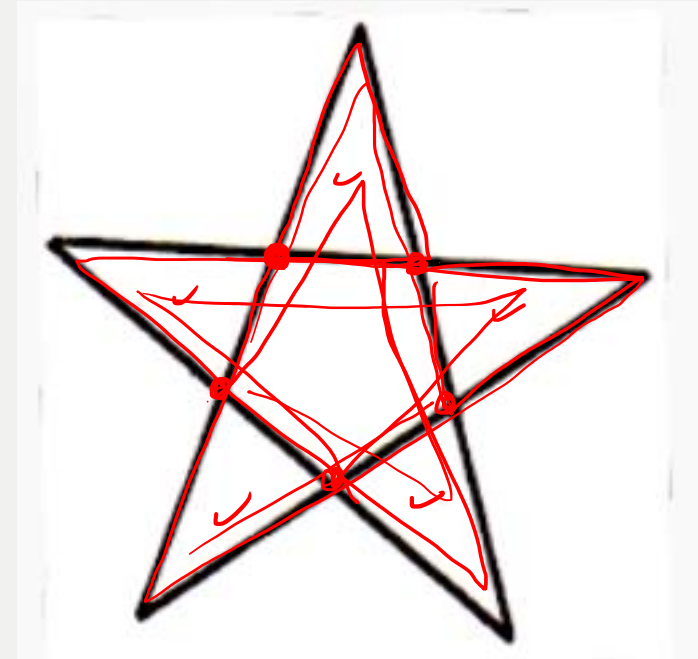


$$(16) + 3 + 2 = (21)$$

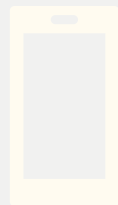
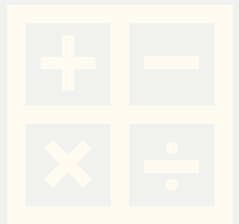


Q. Find number of triangles?

- (a) 5
- (b) 6
- (c) 8
- (d) 10



$$\begin{matrix} (5) & + & (5) \\ & & (10) \end{matrix}$$



Q. Find number of Square?

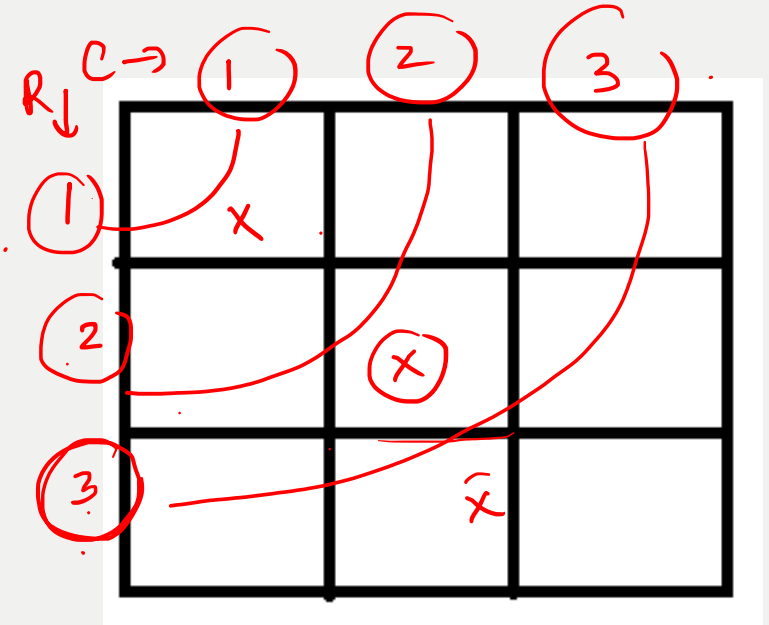
- 1. 12
- ~~2. 14~~
- 3. 16
- 4. 20

14

$$R = 3 = C$$

9

$$\begin{aligned} 3 \times 3 + 2 \times 2 + 1 \times 1 \\ 9 + 4 + 1 \\ = 14 \end{aligned}$$

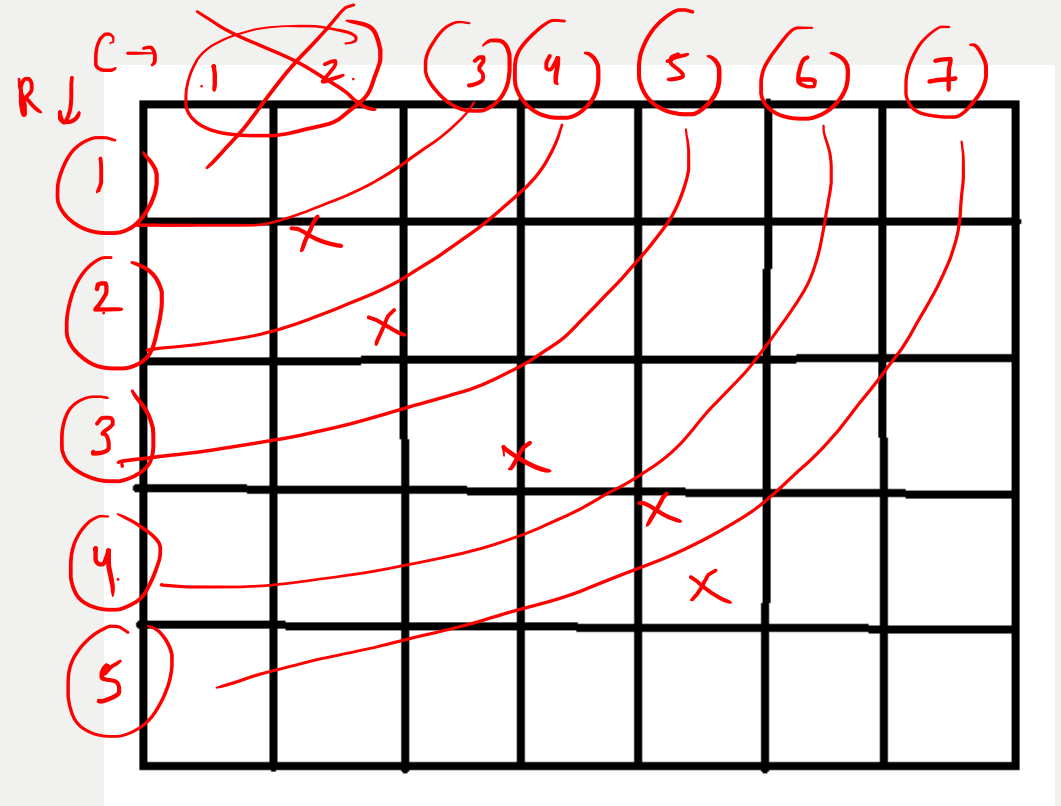


Q. Find number of Square?

- 1.75
- 2.85
- 3.65
- 4.55

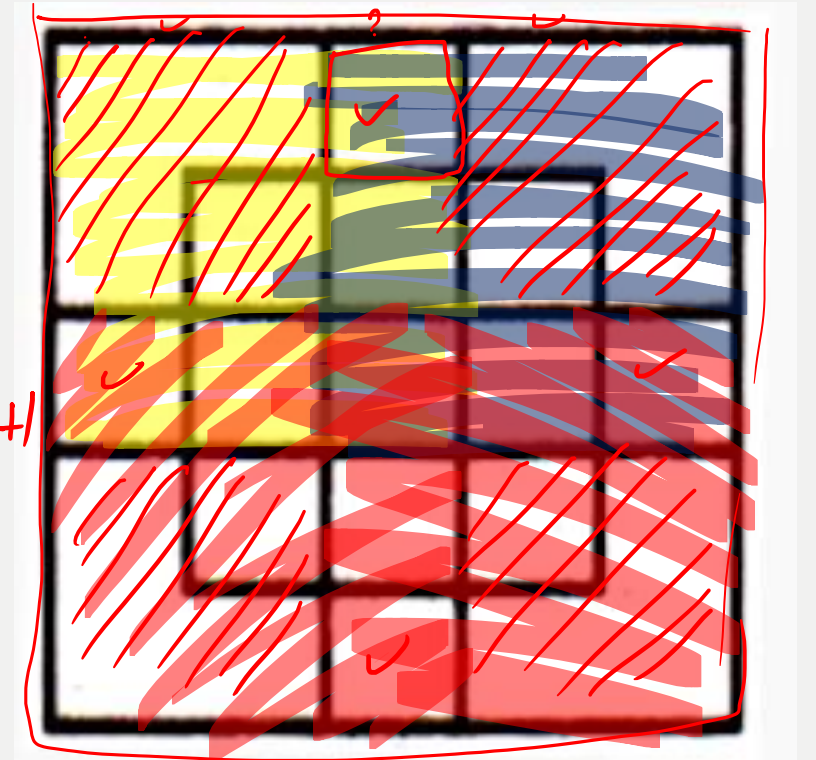
$R \neq C$

$$\underline{35} + \underline{24} + \underline{15} + \underline{8} + \underline{3} = \underline{85}$$



Q. Find number of Square?

- (a) 18
- (b) 19
- (c) 25
- (d) 27



$$\begin{aligned} 9 + 4 + 1 &= 14 + 4 + 4 + 4 + 1 \\ &= 14 + 12 + 1 \\ &= \boxed{27} \end{aligned}$$

Q. Find number of Rectangle?

1.7

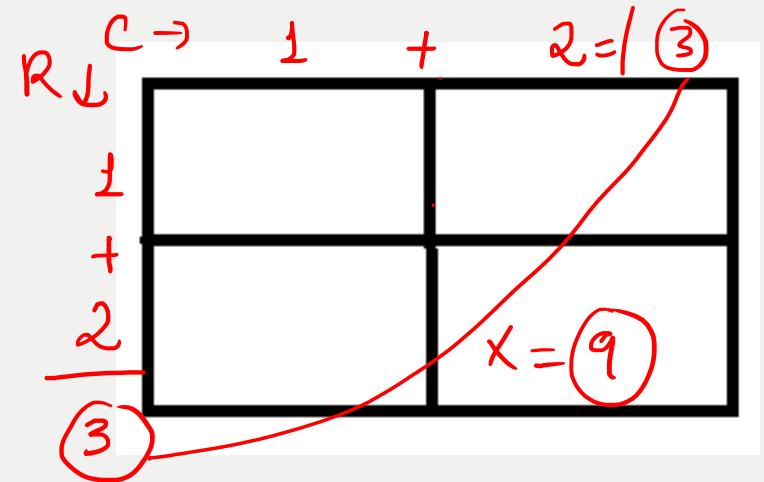
2.8

3.6

~~4.9~~

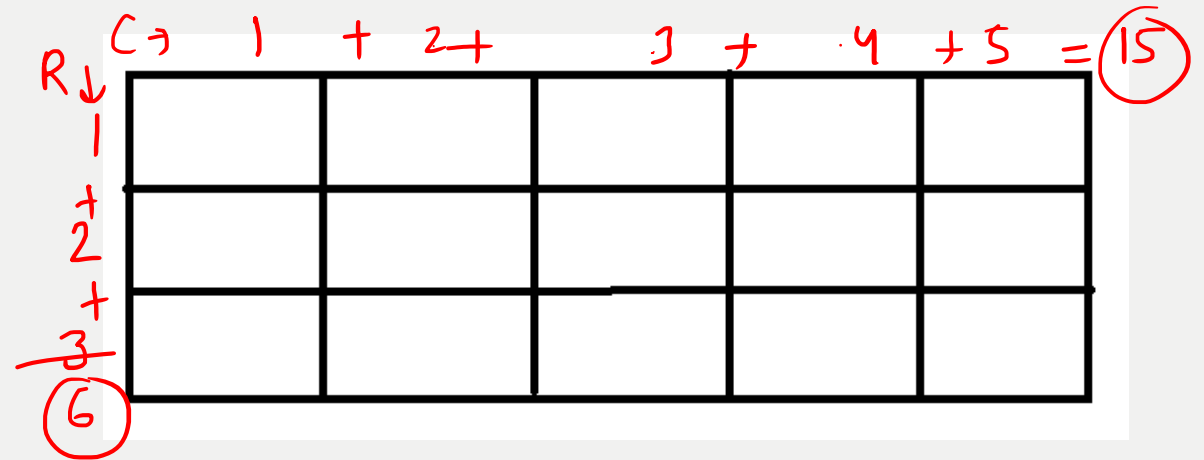
$$\textcircled{4} + 2 + 2 + 1 = \textcircled{9}$$

$$\textcircled{3 \times 3 = 9}$$



Q. Find number of Rectangle?

- 1. 70
- 2. 80
- 3. 90
- 4. 50



$15 \times 6 = 90$

CODING DECODING

Imp

2-3 Qs

→ Place Value (Numerical value of alphabet)

→ opposite letter

A ↔ Z

B ↔ Y

C ↔ X

D ↔ W
4 + 23 = 27

A to Z
A B C D ... M . O . Z
1 2 3 4 13 17 26

M ↔ N
13 + 14 = 27

G ↔ T
7 + 20 = 27

Pairs = 13



ABOUT CODING

Coding is a process of conversion of original word or sentence or collection of character into some other form by following certain logic or rule. The resultant is known as code.

Q if CAT $\xrightarrow{\text{logic}}$ 312

MAKE \rightarrow (?)

13 1 11 5
1+3 4+1

4 1 25

C A T
3 1 2+0=2
(2)

- a)
- b)
- c)
- d)

OPPOSITE LETTER

With the help of above two words, we can find out the position of every letter with in a second.

A - Z (A Zad)

H - S (High School)

B - Y (B o Y)

I - R (Indian Railway)

C - X (CraX)

J - Q (Jungle - Queen)

D - W (DeW)

K - P (KanPur)

E - V (E.Ven)

L - O (LOve)

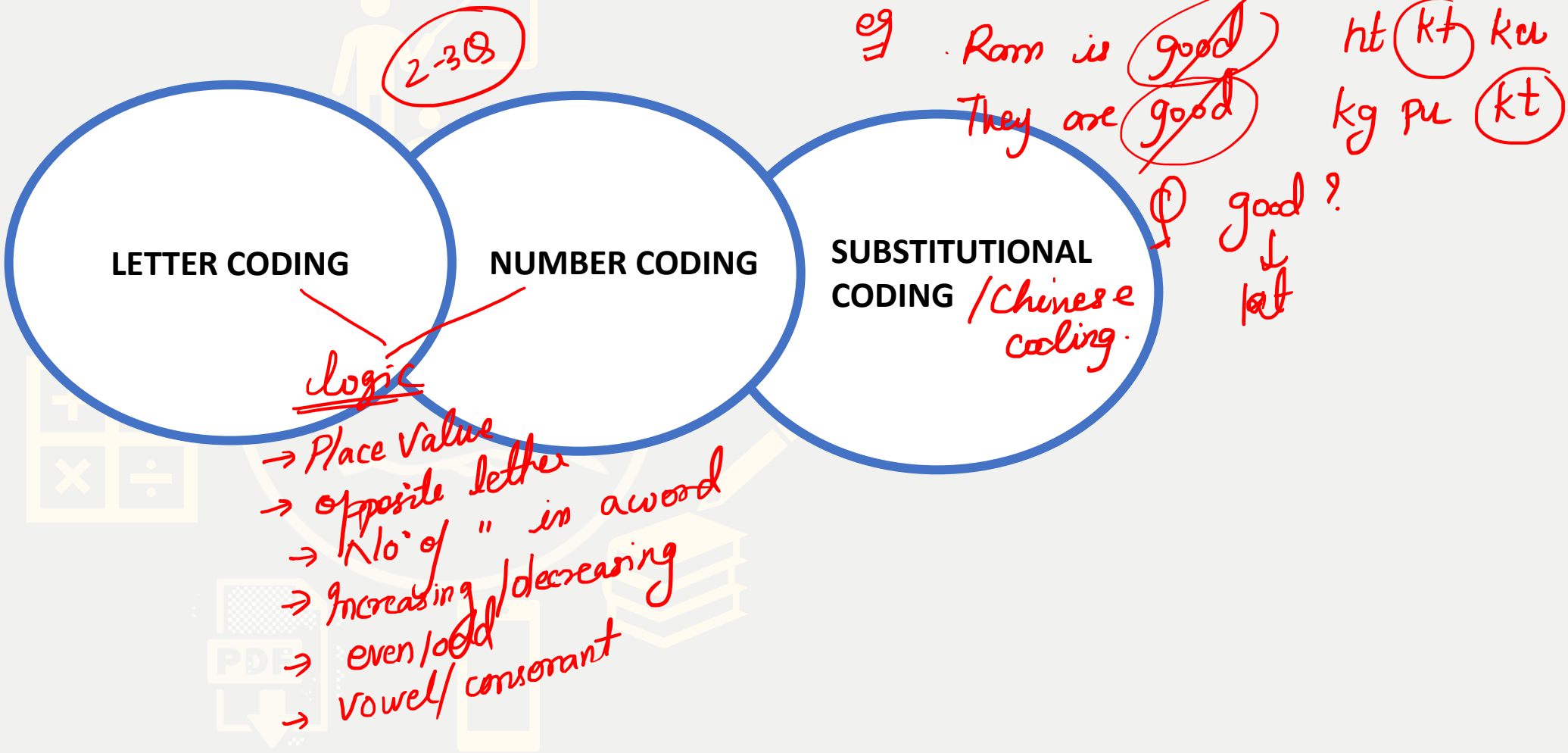
F - U (FUll)

M - N (MaN)

G -T (G T road)

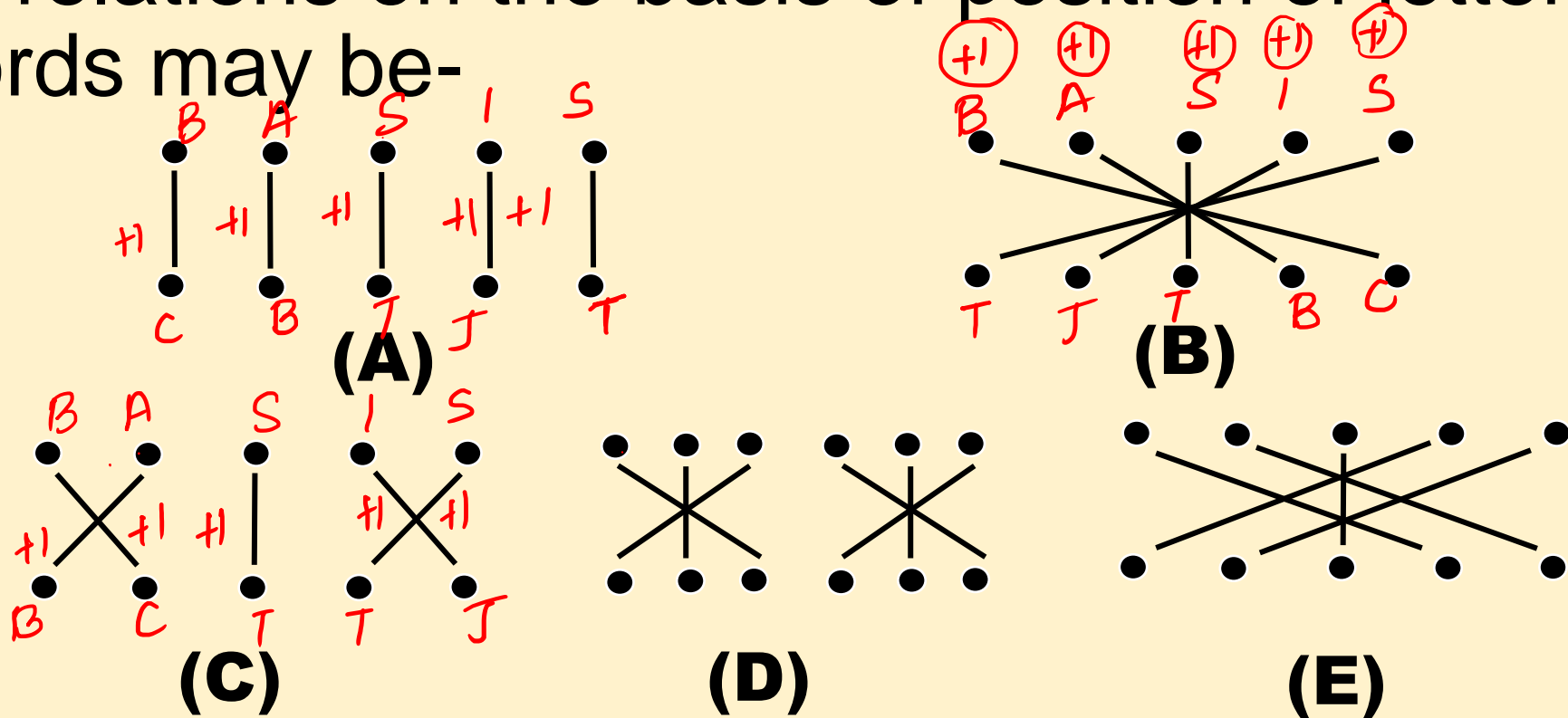
With the help of above trick, we can get the opposite letter of any letter.

TYPES OF CODING-DECODING



RELATION BETWEEN LETTERS

Possible relations on the basis of position of letters in the given words may be-



Q. In a certain language, KUNAL is written as MWPCN, then how is KISHORE written in same language?

एक निश्चित कूट भाषा में, KUNAL को MWPCN, लिखा जाता है तो KISHORE को उसी कूट भाषा में क्या लिखा जायेगा?

- (A) MKJUTQG
- (B) KMUJTQG
- ~~(C) MKUJQTG~~
- (D) MKUJQGT

||
+2 +2 +2 +2 +2 +2
K I S H O R E

MKUJQTG

	21	14	1	12
K	U	N	A	L
+2 ↓	+2 ↓	+2 ↓	+2 ↓	↓ +2
M	W	P	C	N
13	23	16	3	14

Q. If VIMAL is coded as ERNZO and KARAN is coded as PZIZM. How BRAVE written in that code ?

एक निश्चित कूट भाषा में, VIMAL को ERNZO ,और KARAN को PZIZM लिखा जाता है तो BRAVE को उसी कूट भाषा में क्या लिखा जायेगा?

- (A) YIZVE
- (B) YIZEV
- (C) YZIEV
- (D) YVZIE

opposite letter

V	I	M	A	L	K	A	R	A	N
↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
E	R	N	Z	O	P	Z	I	Z	M

BRAVE
 ↓ ↓ ↓ ↓ ↓
 Y I Z E V

Q. In a certain code, SPRING is written as UNUFRC. How will the word MOBILE be written in that code language?

एक निश्चित कोड में, SPRING को UNUFRC लिखा जाता है। उस कोड भाषा में MOBILE शब्द कैसे लिखा जाएगा?

1. KQEFPA
2. OMDGPA
3. OMEPPA
4. None of these

19 16 18 9 14 7
S P R I N G
+2 ↓ -2 ↓ +3 ↓ -3 ↓ +4 ↓ -4 ↓
U N U F R C
21 14 21 6 18 3

13 -2
15 +3 -3 +4 -4
M O B I L E
+2 ↓ -2 ↓ ↓ ↓ ↓ ↓
O M E F P A

Q. If MAKES is coded as 51, then the code for CANCEL will be written in the language?

यदि MAKES को ~~43~~⁵¹ के रूप में कोडित किया जाता है, तो CANCEL के लिए कोड भाषा में लिखा जाएगा?

1. 38
2. 43
3. 62
4. None of these

$$\begin{aligned}
 \text{M A K E S} &= 51 \\
 13 + 1 + 11 + 5 + 19 &= 49 \\
 100 - 49 &= 51
 \end{aligned}$$

$$\begin{aligned}
 \text{C A N C E L} &= 38 \\
 3 + 1 + 14 + 3 + 5 + 12 &= 38 \\
 100 - 38 &= 62
 \end{aligned}$$

Q. In a certain code DIGIT is written as 30. CALLED is written as 42, How is PREPARED written in that code ?

(A) 70

(B) 72

(C) 76

(D) 85

HW 4:00 PM



