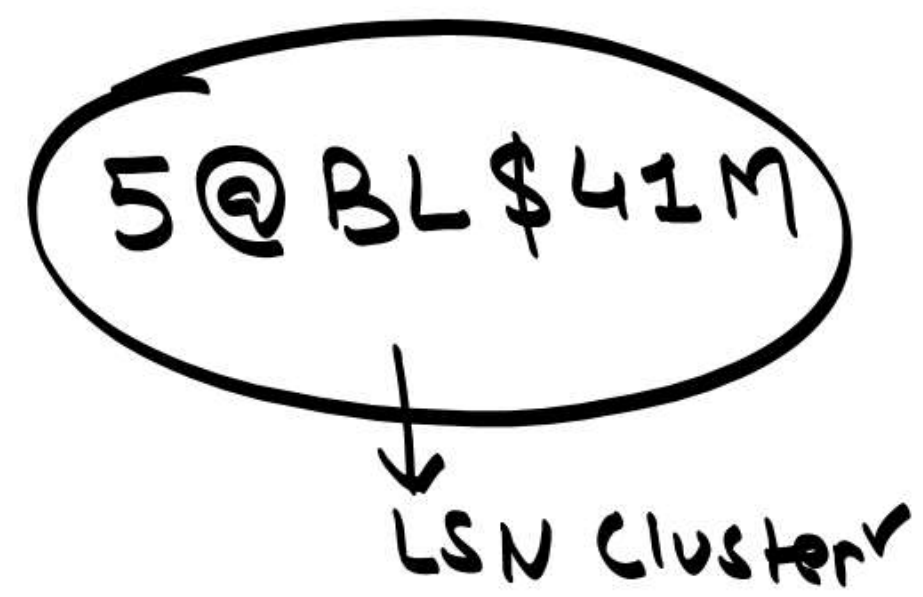
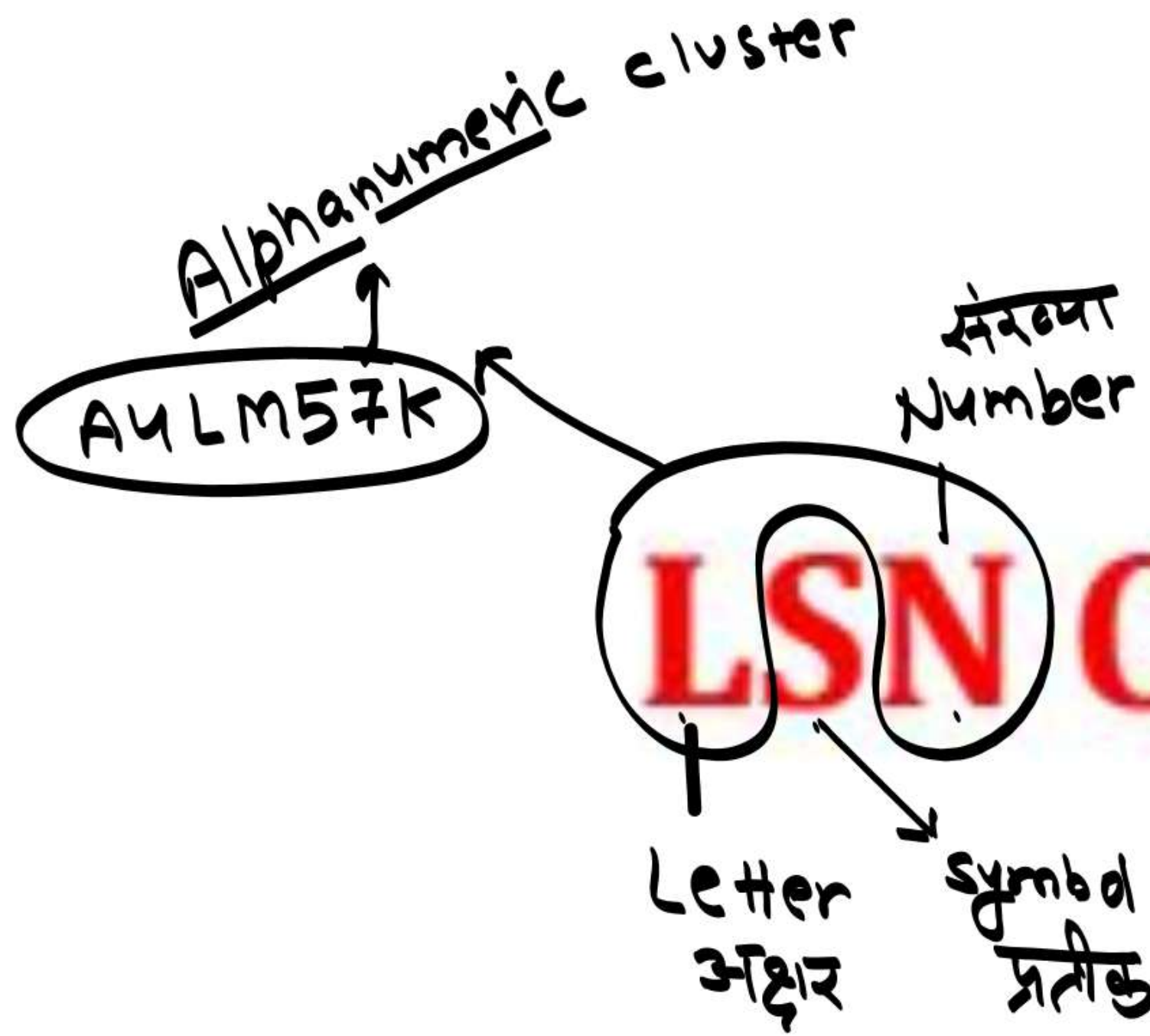


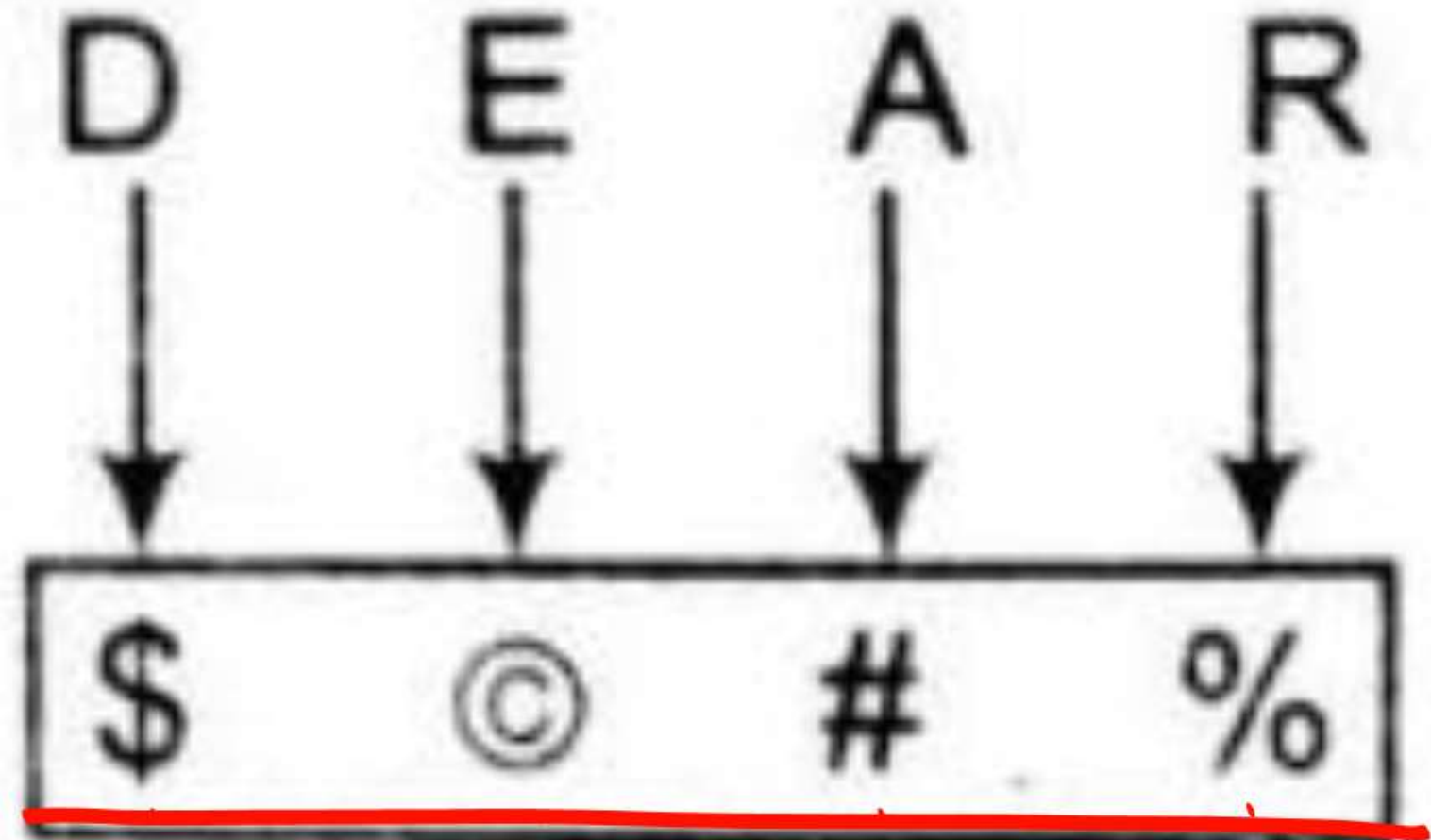
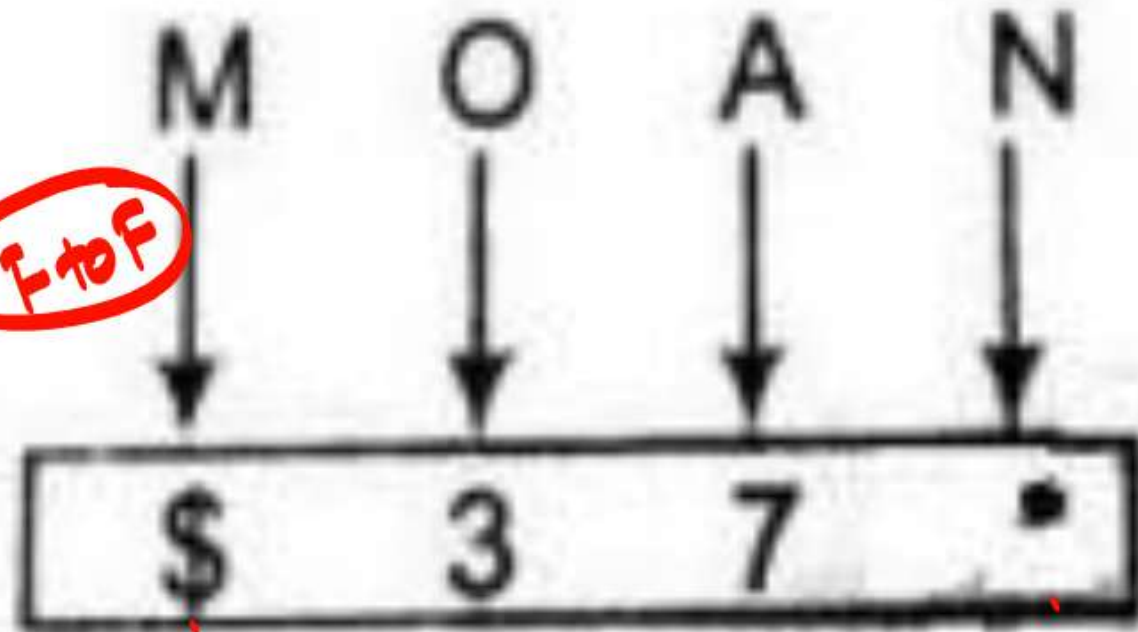




Ex.



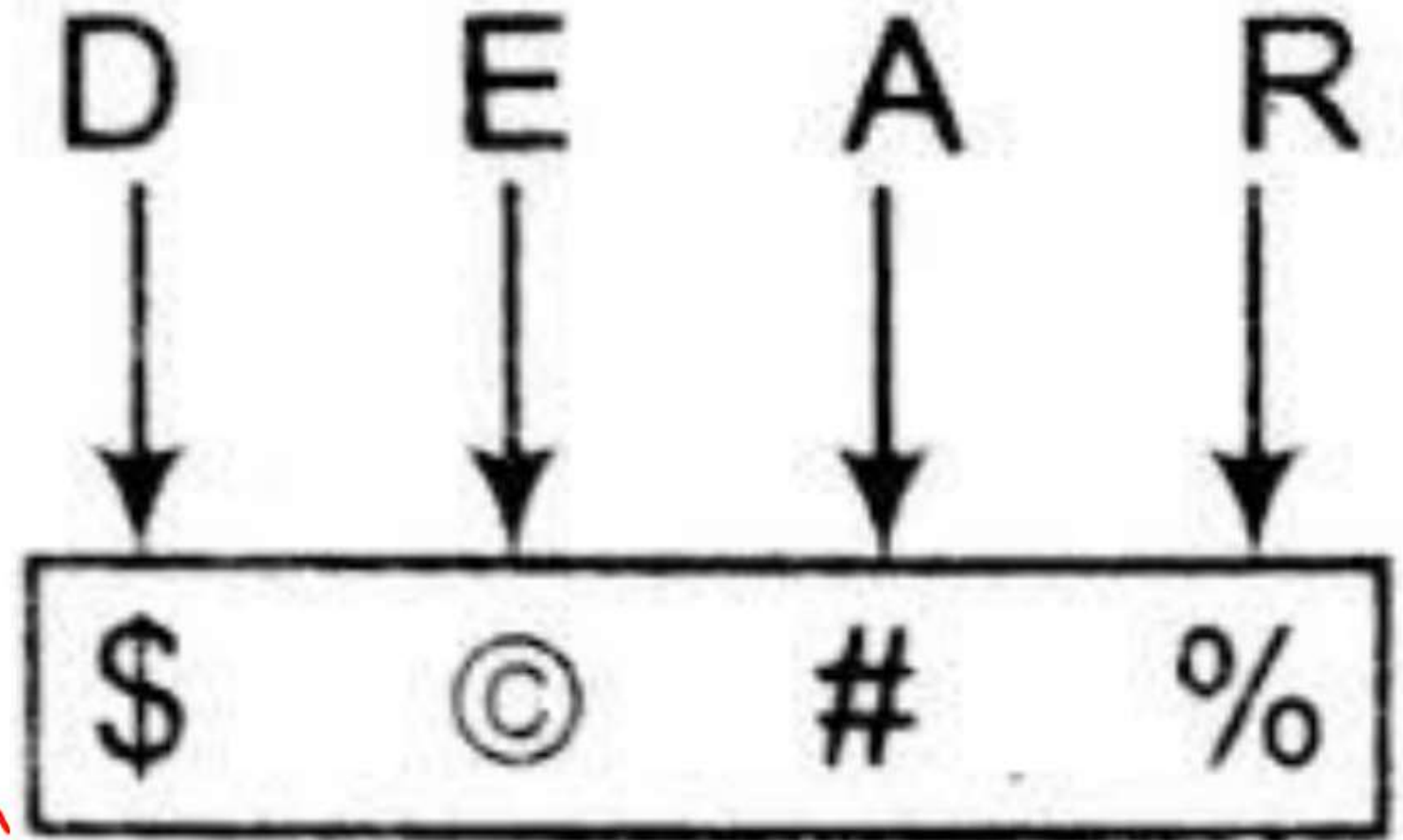
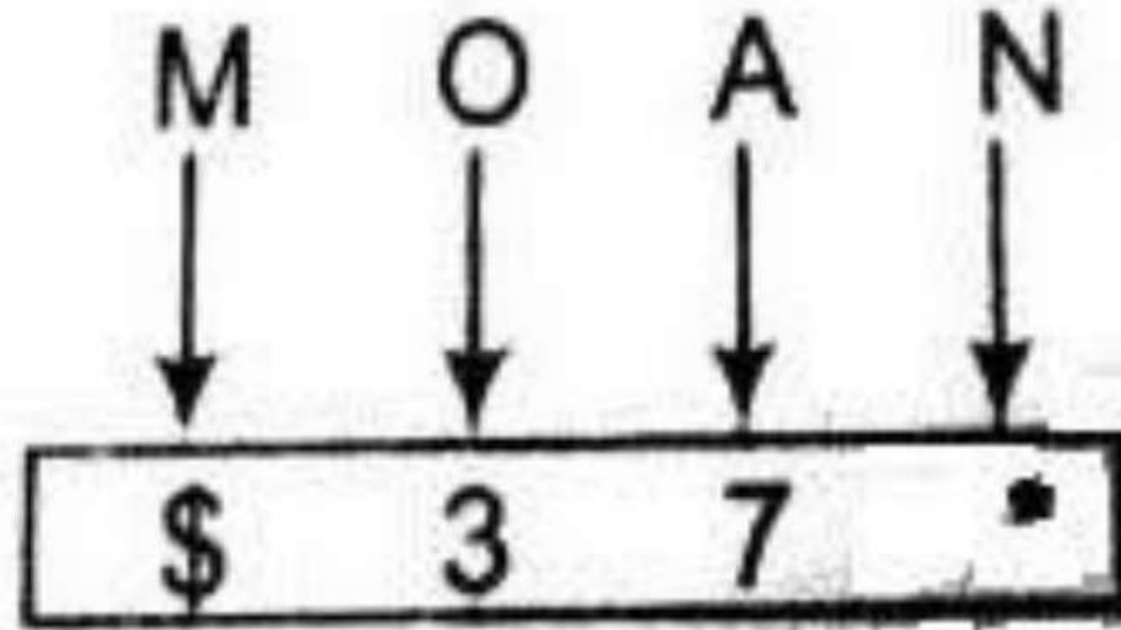
L to F



LSN Coding

Q. No. :

LSN
अक्षर, यती, संख्या



Alphanumeric
5LM2K7

Symbol → No interaction

F-to-F Fixed coding

CABLE
6 5 @ 7 #

PARKLET
8 5 9 1 7 # 2

Q. No. :

1



In a certain code language, CABLE is written as 65@7# and PARKLET is written as 85917#2. How will ELRAP be written in that language?

एक निश्चित कूट भाषा में, CABLE को 65@7# और PARKLET को 85917#2 लिखा जाता है। उसी भाषा में ELRAP को कैसे लिखा जाएगा?

(a) 7#958

(b) 9#785

(c) #9587

☒ (d) #7958

(NTPC, CBT-2, Level - 3, 17.06.2022 Shift-3)

ELRAP
#7958

In a code language, 'MUMBAI' is written as 'N46' and 'KOLKATA' is written as 'L60'. How will 'LUCKNOW' be written in that language?

एक कूट भाषा में, 'MUMBAI' को 'N46' और 'KOLKATA' को 'L60' लिखा जाता है। उस भाषा में 'LUCKNOW' कैसे लिखा जाएगा?

(a) M82

~~(b) K85~~

~~(c) Q97~~

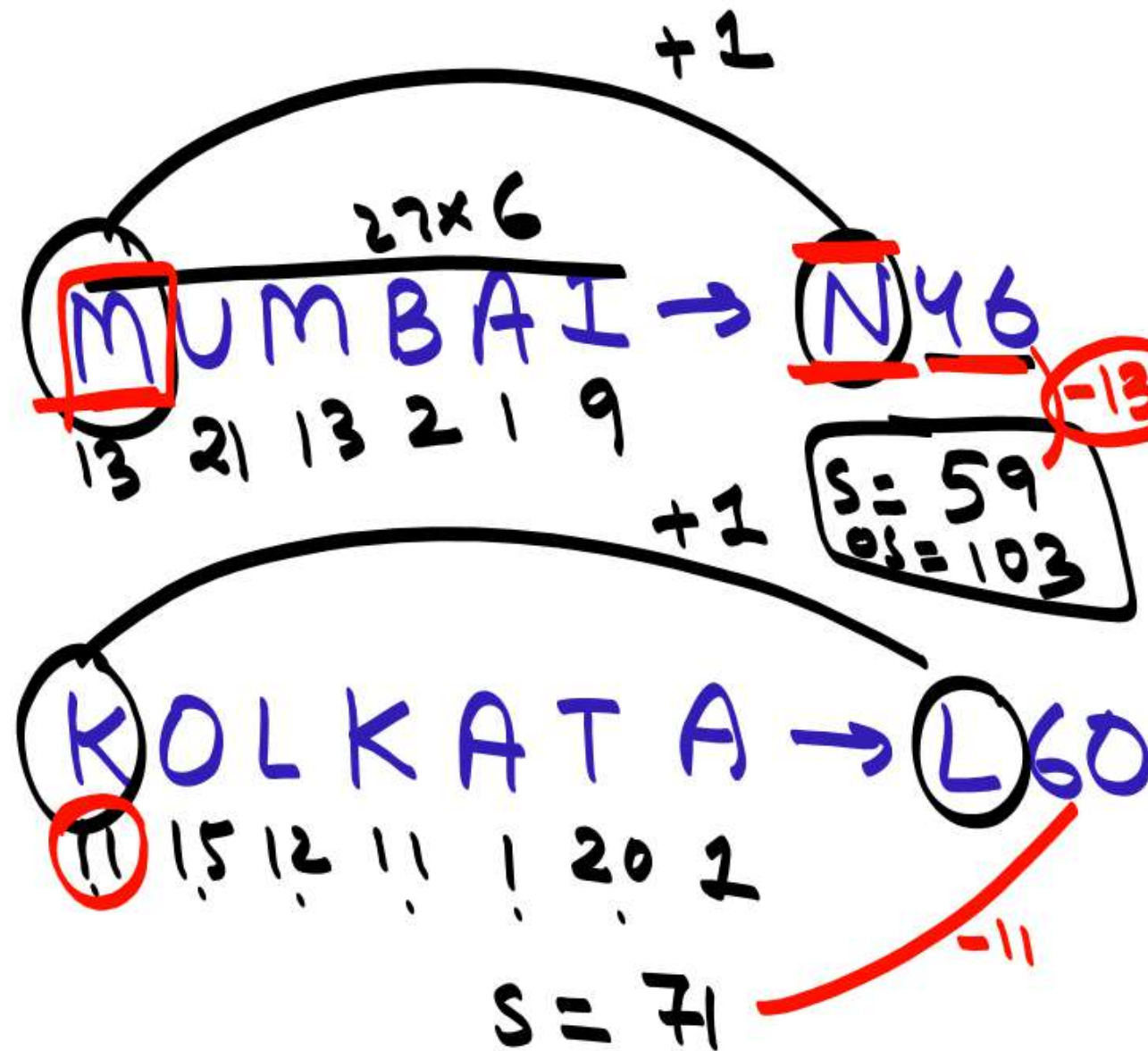
☒ (d) M87

Phase XI, Graduate level, 30.06.2023 Shift 1

$$\begin{array}{r}
 76 \\
 23 \\
 \hline
 99 - 12 = 87
 \end{array}$$

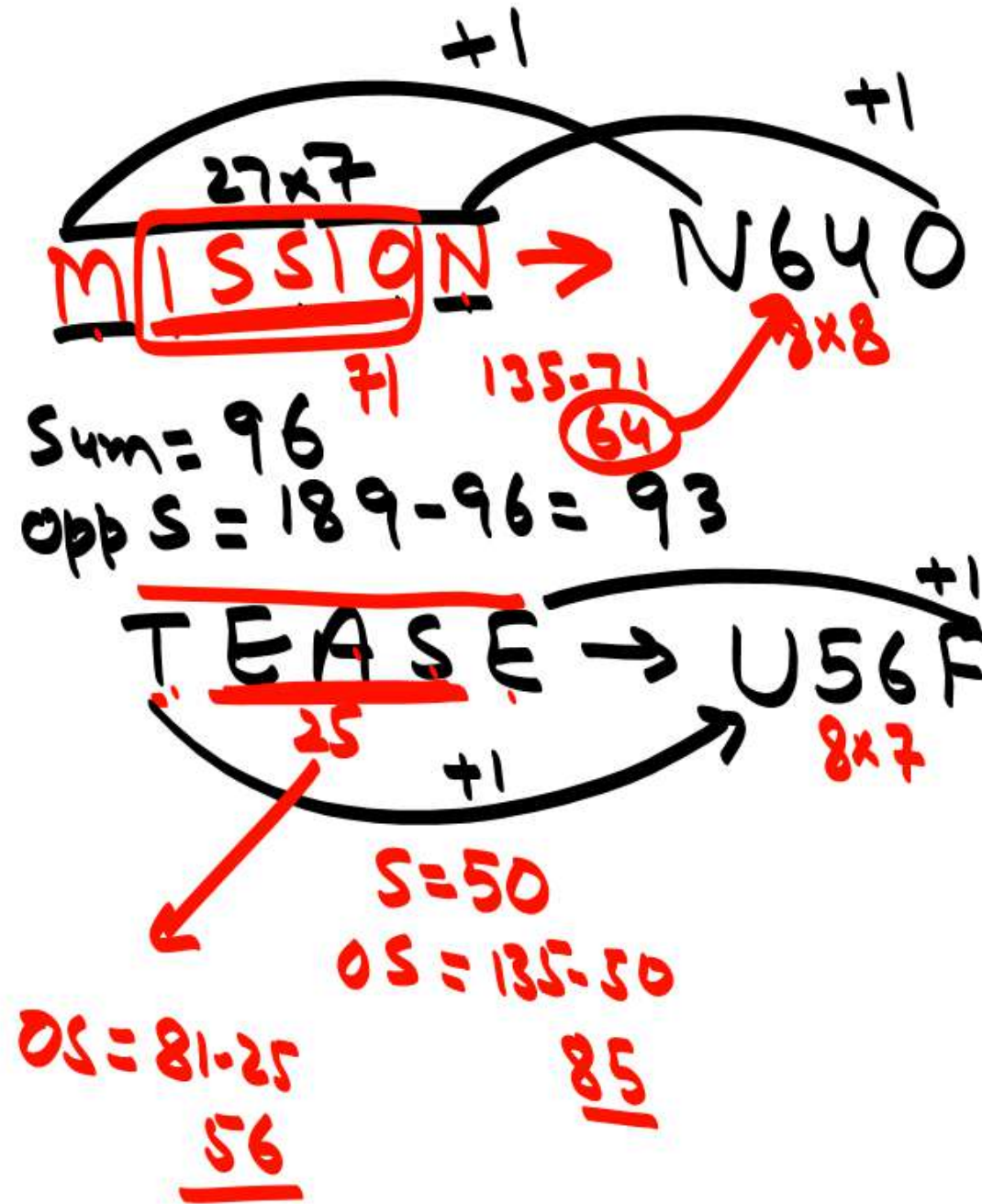
First
Letter + 1

Sum - First
Letter

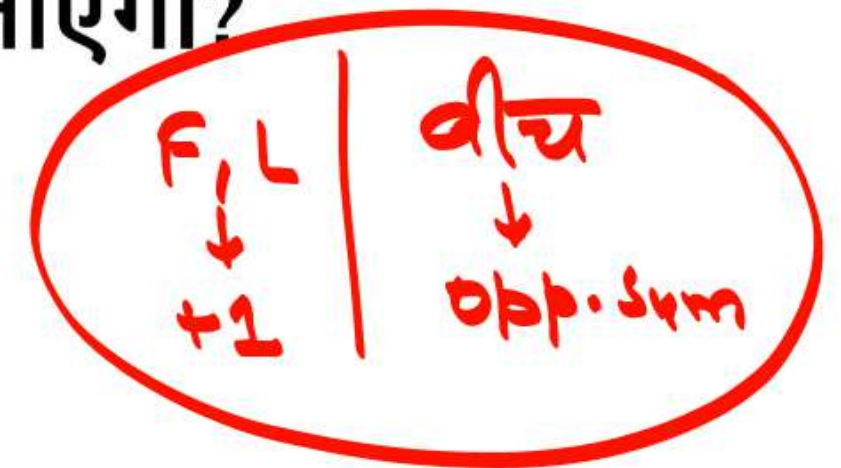


In a code language, 'MISSION' is written as 'N64Q' and 'TEASE' is written as 'U56F'. How will 'NASTY' be written in that language?

एक कूट भाषा में, 'MISSION' को 'N64Q' और 'TEASE' को 'U56F' लिखा जाता है। उस भाषा में 'NASTY' कैसे लिखा जाएगा?



1. Z410
2. 014Z
3. 041Z
4. Z140



(SSC GL PRE 2022, 27.06.2023 Shift 4)

In a certain code language, 'FICTION' is coded as 'C70' and 'DUSTILY' is coded as 'A106'. How will 'ENDGAME' be coded in that language?

एक निश्चित कोड भाषा में, 'FICTION' को 'C70' के रूप में कोडित किया जाता है और 'DUSTILY' को 'A106' के रूप में कोडित किया जाता है। उस भाषा में 'ENDGAME' को कैसे कोडित किया जाएगा?

Handwritten analysis of 'FICTION':
The word 'FICTION' is shown in a box. The letter 'F' is circled. An arrow points from 'S=70' to the box. Below the box, 'S=76' is written.

- B
- (a) B32
 - (b) B44
 - (c) U63
 - (d) Y78

44

(SSC HSL PRE 2022, 27.06.2023 Shift 2)

In a certain code language, 'CORRECT' is written as '3Q1818G320'. How will 'WRONG' be written in that language?

एक निश्चित कूट भाषा में, 'CORRECT' को '3Q1818G320' लिखा जाता है। उस भाषा में 'WRONG' को कैसे लिखा जाएगा?

(a) 2314Q147

(b) 2218P147

☒ (c) 2318Q147

(d) 2138Q741

(SSC MTS PRE 2022, 03.05.2023 Shift 2)

C O R R E C T
 ↓ +2 ↓ ↓ +2 ↓
3 Q 18 18 G 3 20

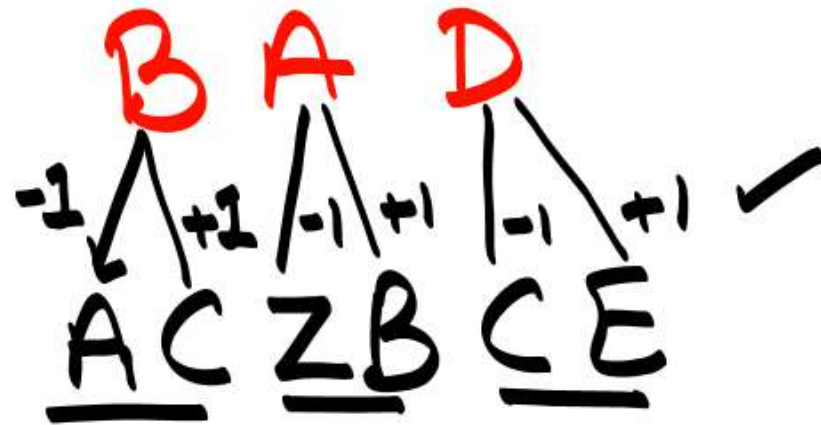
F to F
 V + 2
 C → order

W R O N G
 ↓ +2
 2318Q147

ONE TO MANY

Ex.)

3
|x2
6



Ex.)

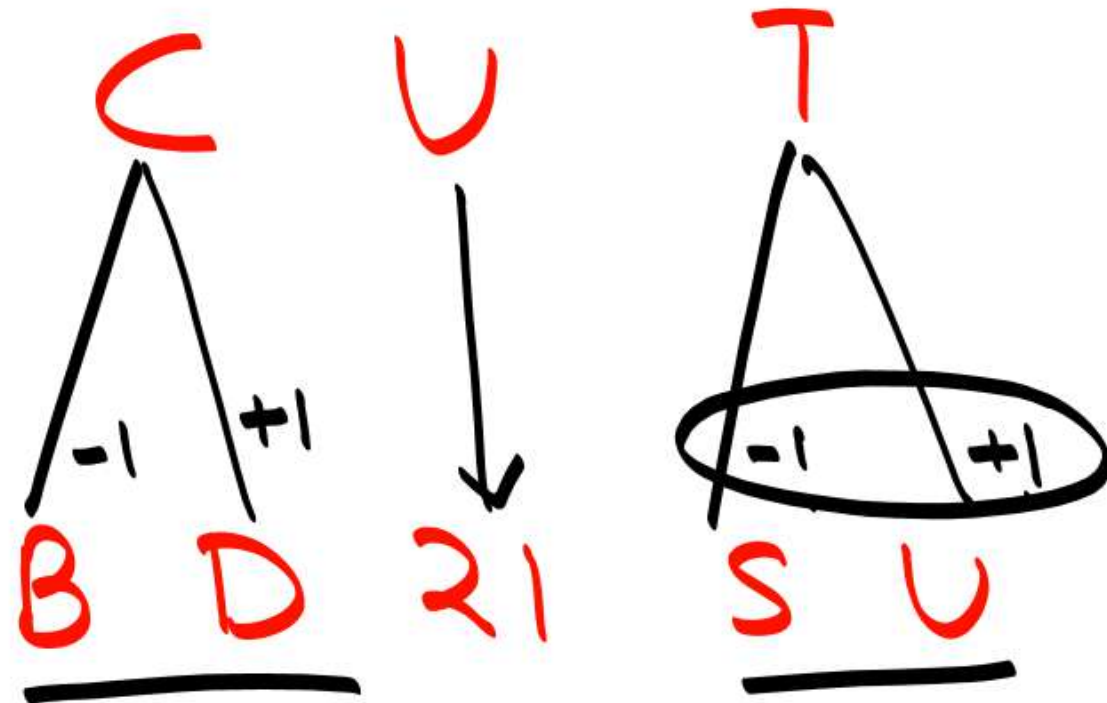
3
|x2
6



Ex.)

4
x2
8





In a certain code language, 'CUT' is written as 'BD21SU'. How will 'DRY' be written in that language?

एक निश्चित कूट भाषा में, 'CUT' को 'BD21SU' लिखा जाता है। उस कूट भाषा में 'DRY' को कैसे लिखा जाएगा?

(a) C18EXZ

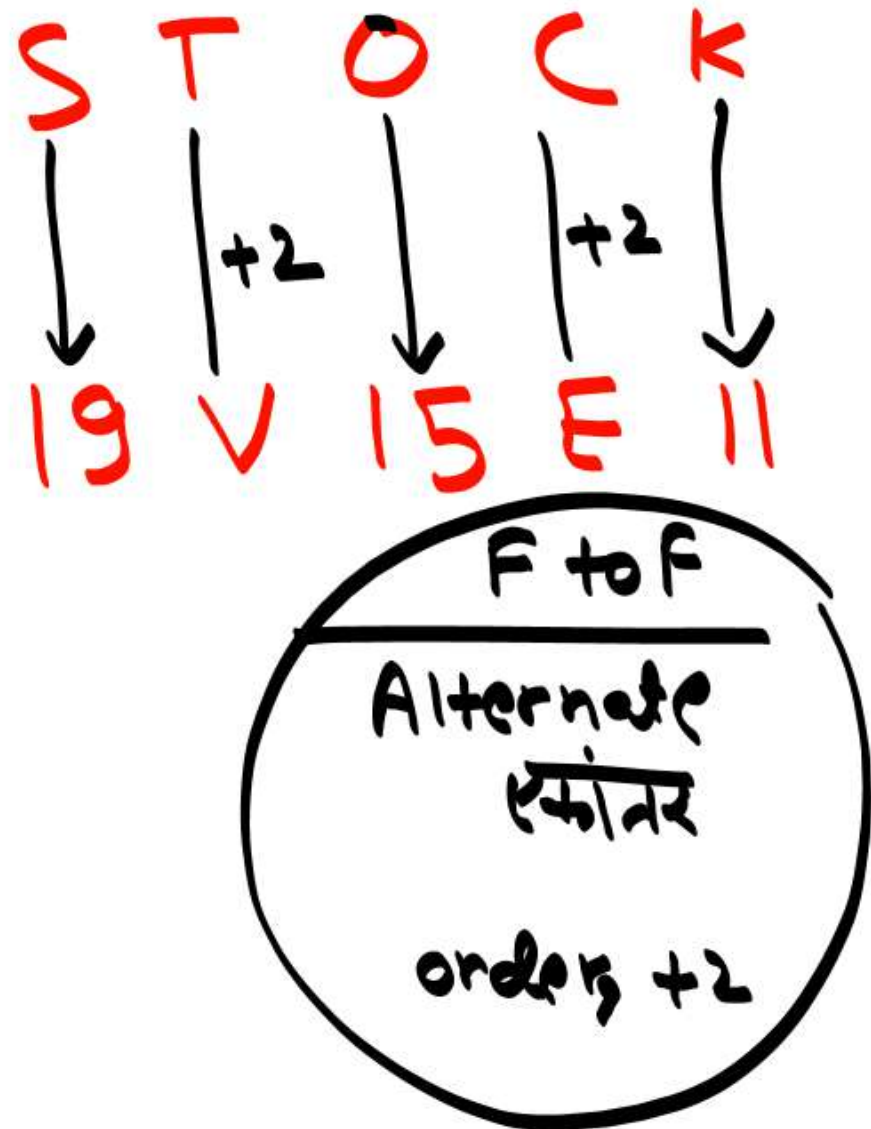
(b) CE18ZX

(c) CZ18EX

(d) CE18XZ

(SSC MTS PRE 2022, 03.05.2023 Shift 3)

CE18XZ



In a certain code language, 'STOCK' is written as '19V15E11'. How will 'CRYPTO' be written in that language?

एक निश्चित कूट भाषा में, 'STOCK' को '19V15E11' लिखा जाता है। उस कूट भाषा में 'CRYPTO' को कैसे लिखा जाएगा?

(a) 2T2316V15

☒ (b) 3T25R20Q

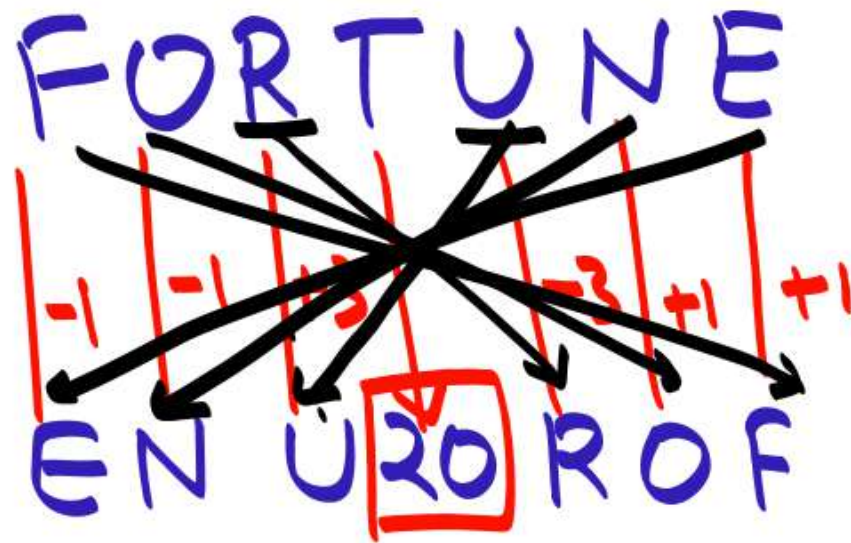
(c) 3T2F1AV15

(d) 3T25S6VTS

(SSC MTS PRE 2022, 03.05.2023 Shift 3)

Diagram illustrating the mapping of letters to numbers in a code language for 'CRYPTO':

- C → 3
- R → T (+2)
- Y → 25
- P → R (+2)
- T → 20
- O → Q (+2)



In a certain code language, 'FORTUNE' is written as 'ENU20ROF'. How will 'PATRICK' be written in that language?

एक निश्चित कूट भाषा में, 'FORTUNE' को 'ENU20ROF' लिखा जाता है। उस कूट भाषा में 'PATRICK' को कैसे लिखा जाएगा?

- ☒ (a) KCI18TAP (b) KCI18TPA
 (c) KCI81TAP (d) KIC18TAP

(SSC MTS PRE 2022, 04.05.2023 Shift 1)

PATRICK

KCI18TAP

In a certain code language, 'FOUR' is written as '6PV18'. How will 'DARK' be written in that language?

एक निश्चित कूट भाषा में, 'FOUR' को '6PV18' लिखा जाता है। उस भाषा में 'DARK' कैसे लिखा जाएगा?

F	O	U	R
↓	+1	+1	↓
6	P	V	18

- ✓ (a) 4BS11
(c) 4BS12

- (b) 4B1S1
(d) 4SB11

4BS11

(SSC MTS PRE 2022, 04.05.2023 Shift 3)

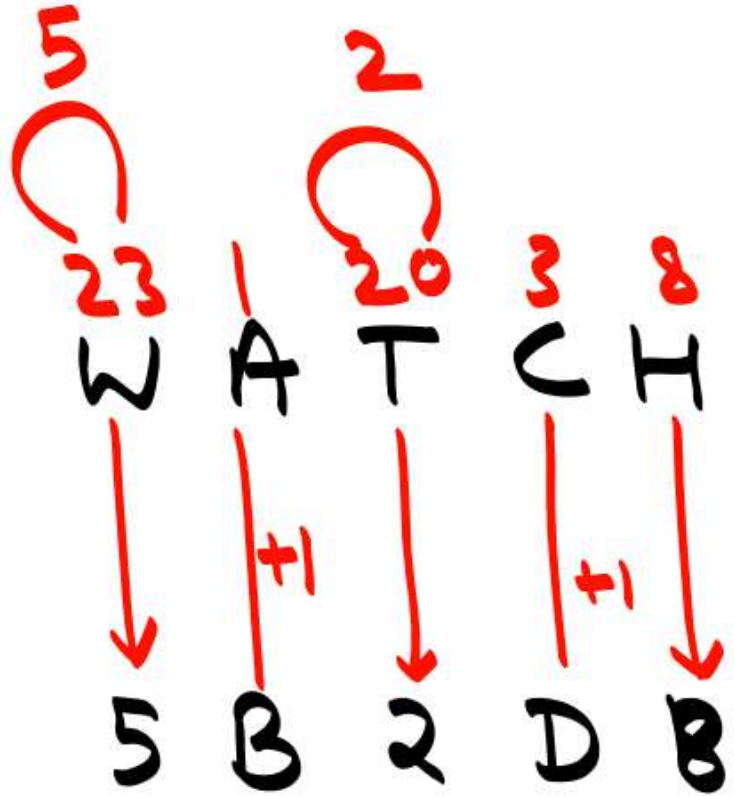
In a certain code language, 'BONE' is written as 'F15R5'. How will 'NOSE' be written in that language?

एक निश्चित कूट भाषा में, 'BONE' को 'F15R5' लिखा जाता है। उस भाषा में 'NOSE' कैसे लिखा जाएगा?

B O N E
| +4 ↓ | +4 ↓
F 15 R 5

- (a) R61W5
(b) R51W5
(c) R15W5
(d) R5W51

(SSC MTS PRE 2022, 08.05.2023 Shift 1)



In a certain code language, 'WATCH' is written as '5B2D8'. How will 'HEAR' be written in that language?

किसी एक खास कूट भाषा में, 'WATCH' को '5B2D8' को लिखा जाता है। उस भाषा में 'HEAR' कैसे लिखा जाएगा?

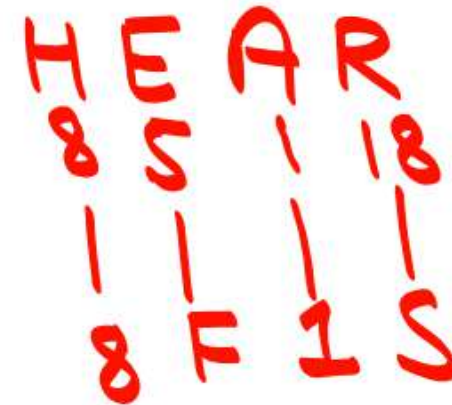
(a) 8F2S

☒ (b) 8F1S

(c) 1SF8

(d) F8S1

(SSC MTS PRE 2022, 08.05.2023 Shift 3)



In a certain code language, 'EMPIRE' is written as '5P16L18H'. How will 'EXPAND' be written in that language?

किसी एक खास कूट भाषा में 'EMPIRE' को '5P16L18H' को लिखा जाता है। उस भाषा में 'EXPAND' कैसे लिखा जाएगा?

EMPIRE
 ↓ +3 +3 +3
 5 P 16 L 18 H

(a) 5G16D14G

(b) 5A61D14G

~~(c) 5A16D18G~~

~~(d) 5A16D14G~~

(SSC MTS PRE 2022, 10.05.2023 Shift 2)

EXPAND
 ↓ +3 +3 +3
 5 A 16 D 14 G

In a certain code language, 'DUGPS' is written as '4377T'. How will 'AEMJQ' be written in that language?

किसी एक खास कूट भाषा में 'DUGPS' को '4377T' को लिखा जाता है। उस भाषा में 'AEMJQ' कैसे लिखा जाएगा?

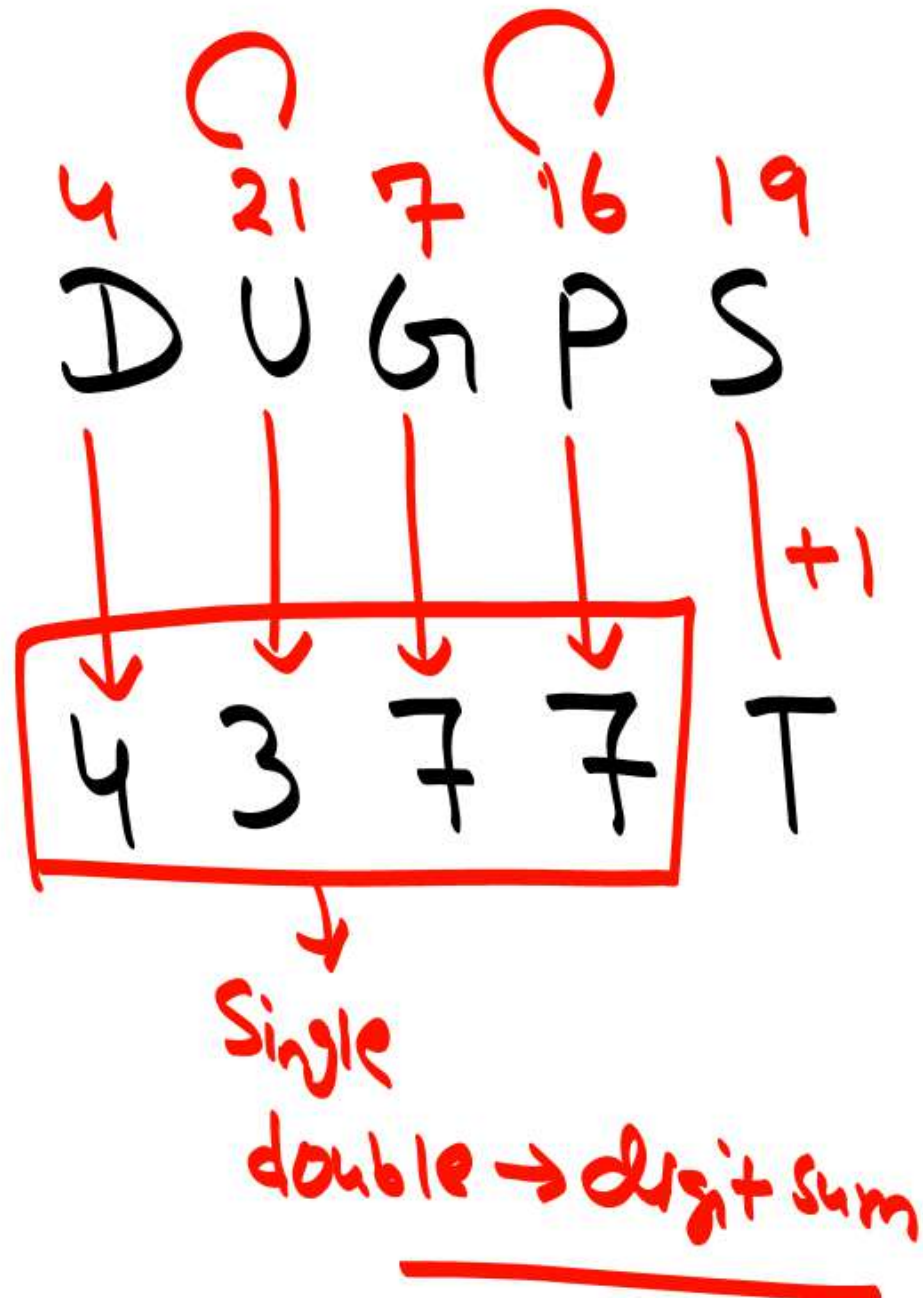
(a) 1249R

(c) 1R54R

☒ (b) 1541R

(d) 1641R

SSC MTS PRE 2022, 12.05.2023 Shift 1)



Handwritten calculation for 'AEMJQ' using the same logic:

Letter	Position	Digit
A	5	1
E	13	5
M	13	4
J	10	1
Q	17	R

Note: The digit 'R' is the result of the digit sum of 17 (1+7).

Chinese coding ✓

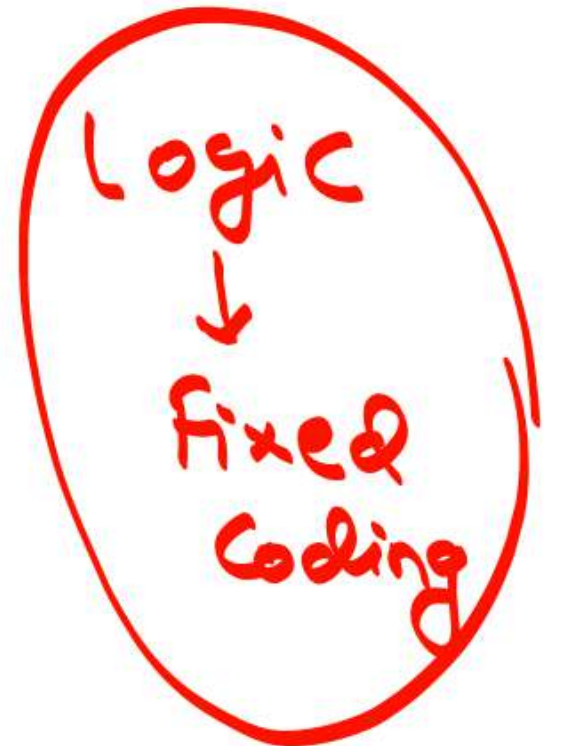
Chinese Coding

वाक्य की वाक्य से कोडिंग

Sentence to sentence coding

OR

LSN to LSN coding



Chinese Coding

Matching Concept

Letter to LSN

Sentence to
Number

Letter to
Symbol

TAPI INKS
4397 7286

Letter to
Number
Fixed

Sentence to
Sentence

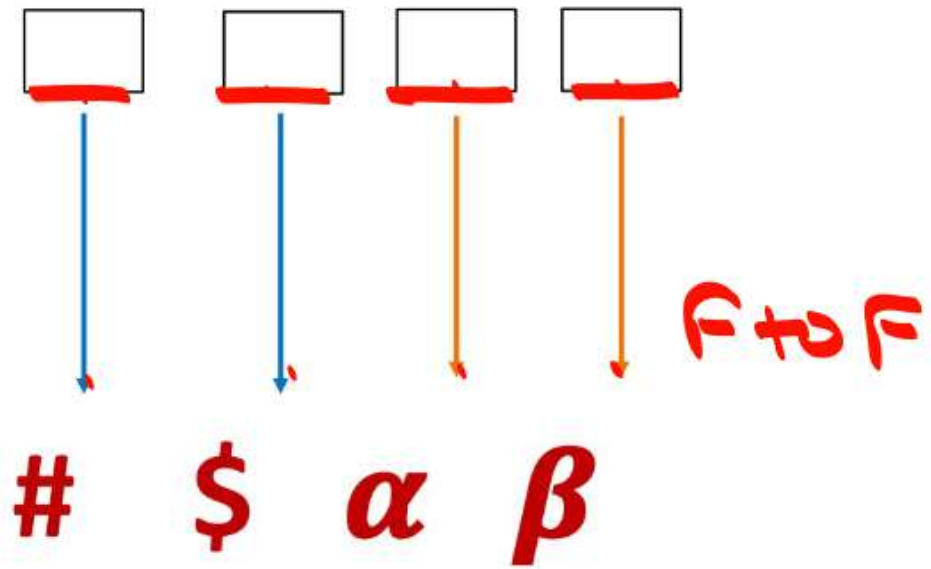
LSN to
LSN

Note : Representation changes but Process to solve does not.

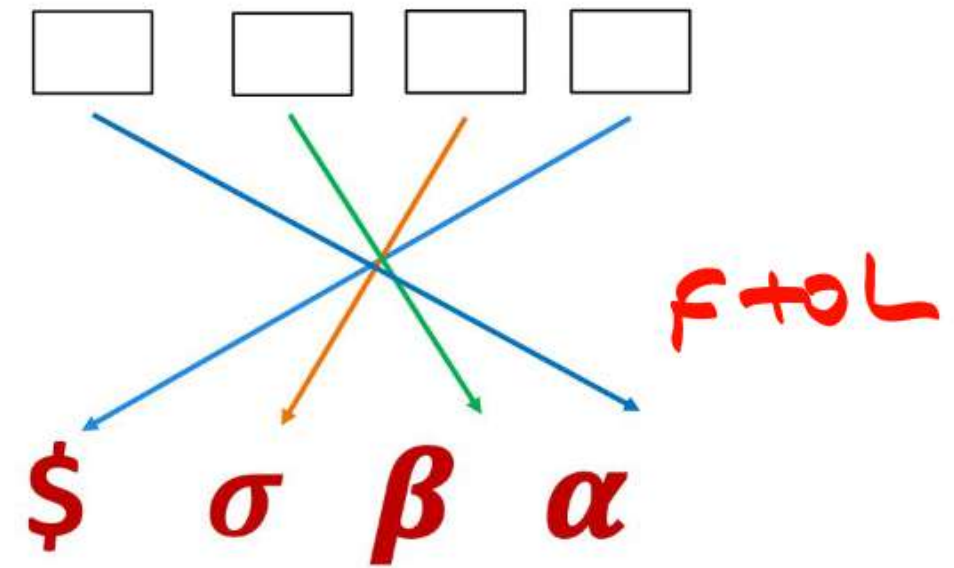


1. Letter To Symbols

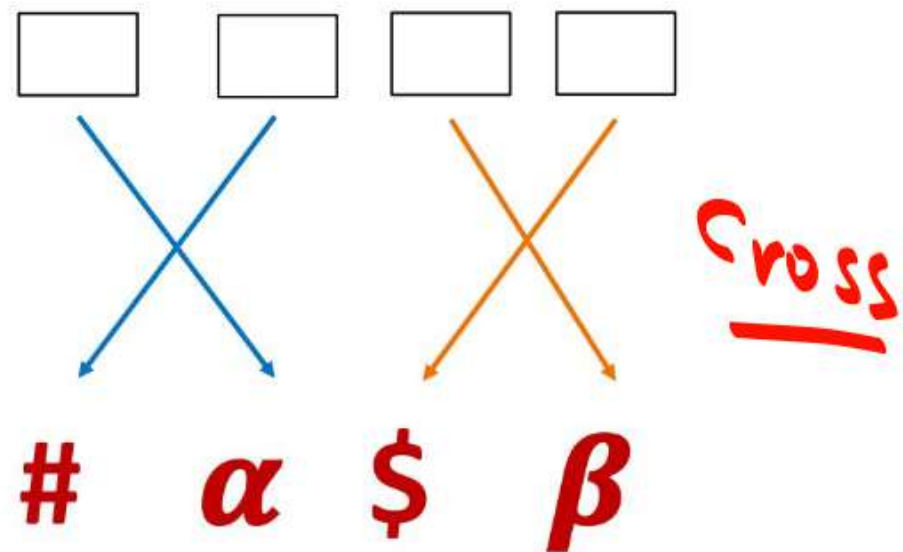
(a)



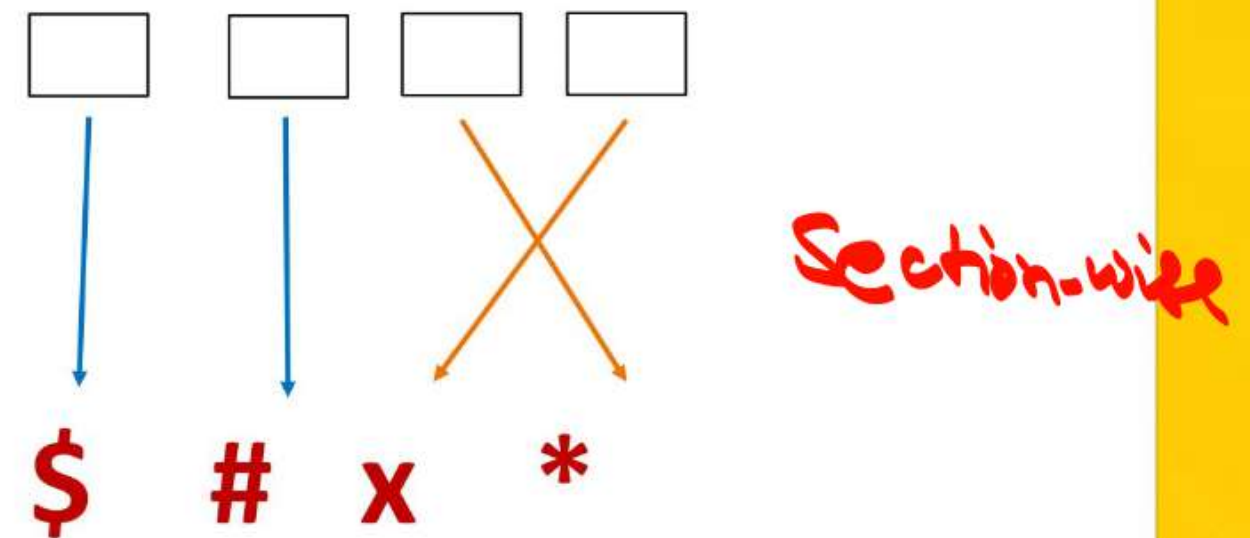
(b)



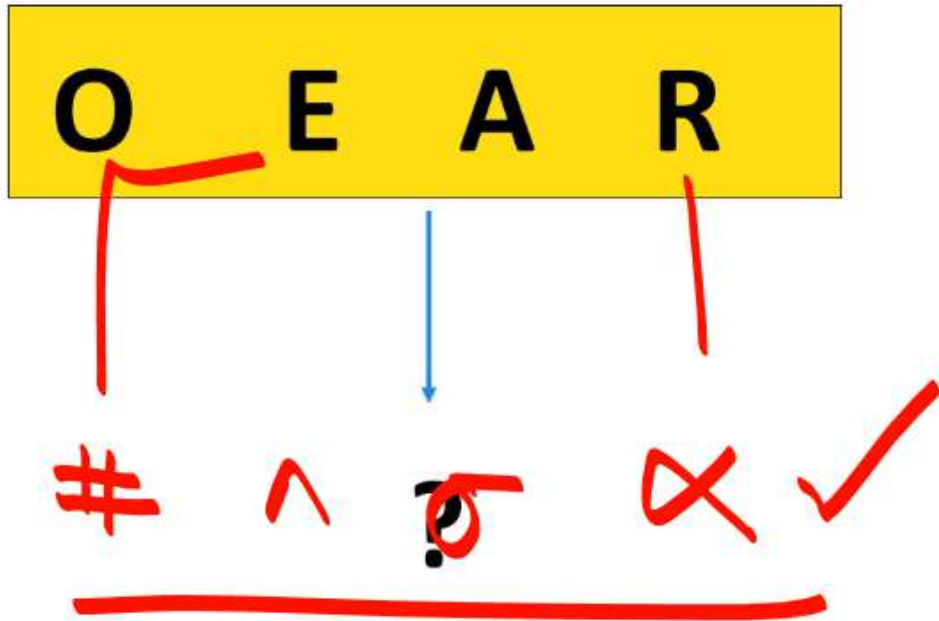
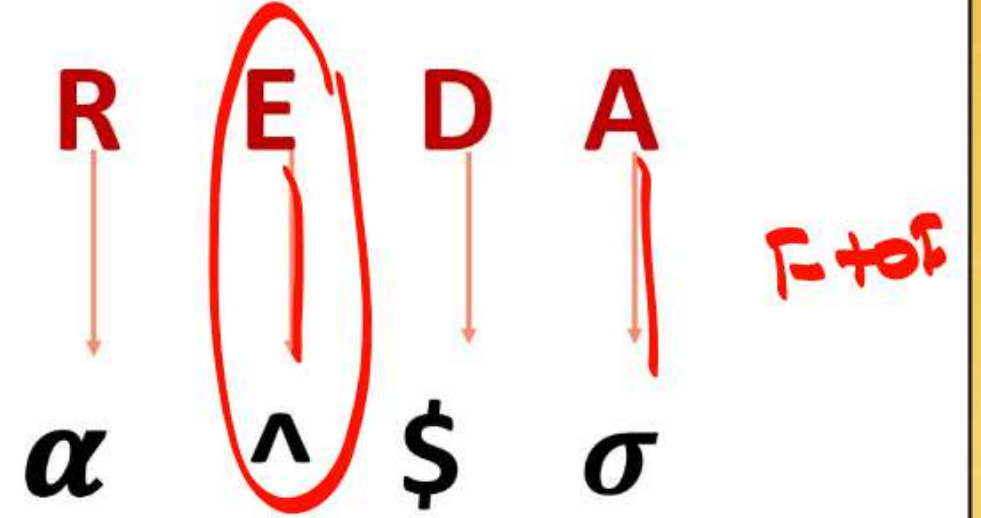
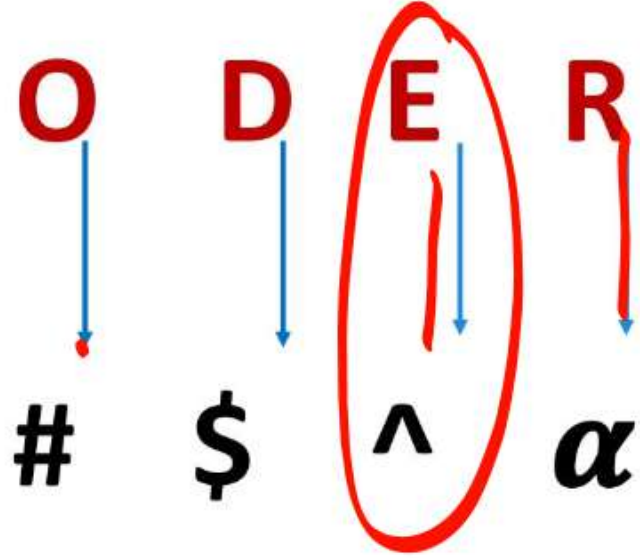
(c)



(d)



EXAMPLE (i)



EXAMPLE (ii)

C R O W D

\$ σ ^ β α

F to L

~~C L O W D~~

\$ γ β ^ α

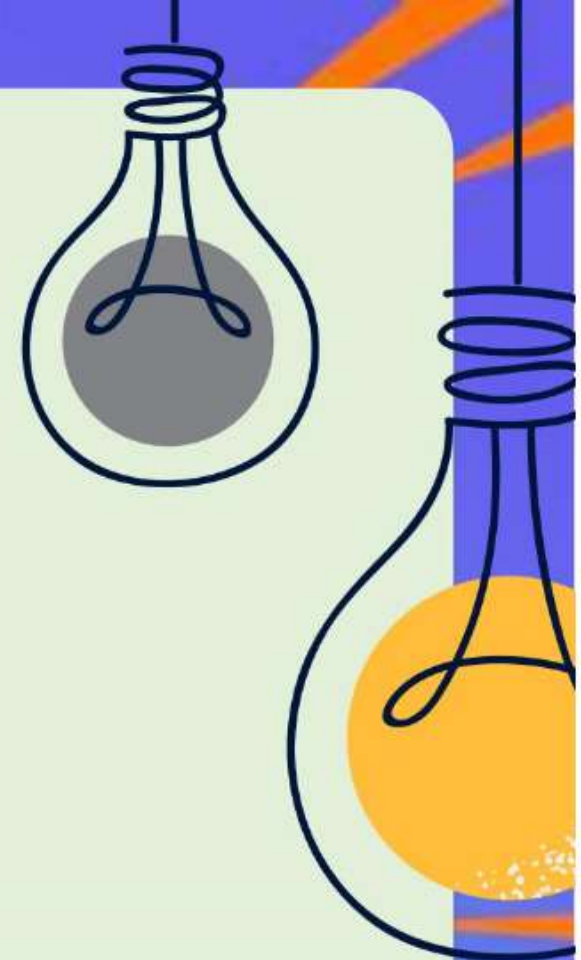
W R O C L

?



✓ 2. Sentence To Number

Logic



Example:-

RAM ³is ²good ⁴boy ³ → 3 2 4 3

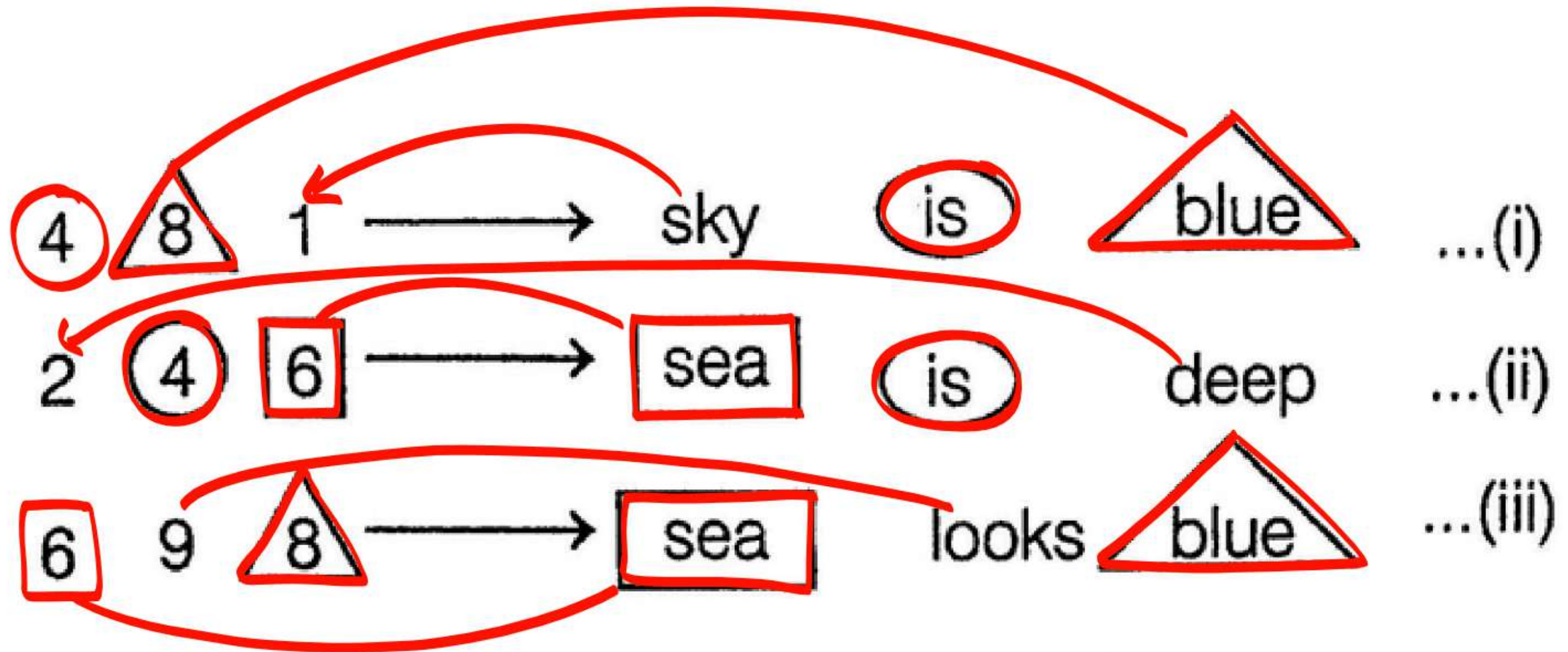
Delhi ⁵is ²the ³most ⁴Populated ⁹city ⁴ → 5 2 3 4 9 4

what ⁴is ²your ⁴name ⁴ → ?

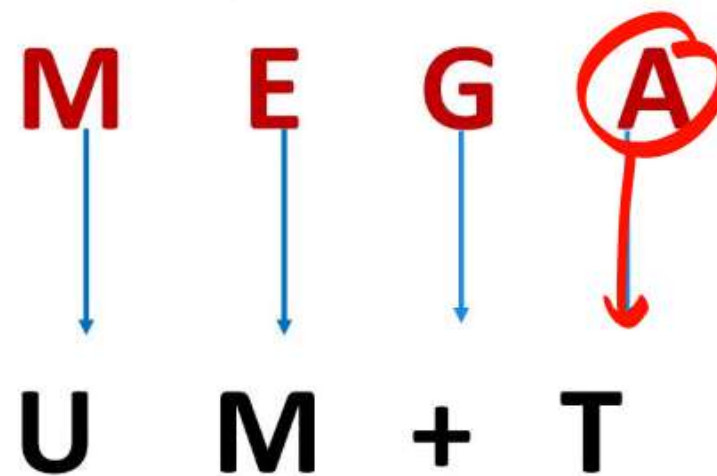
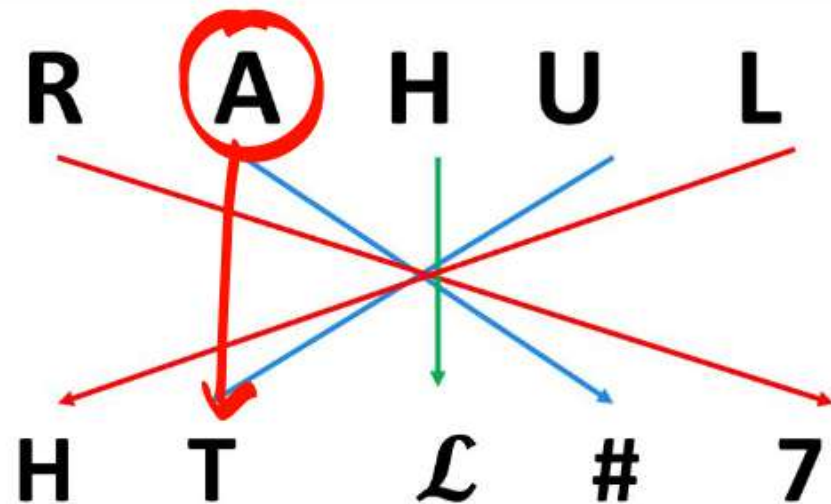


2. Sentence To Number

Matching concept

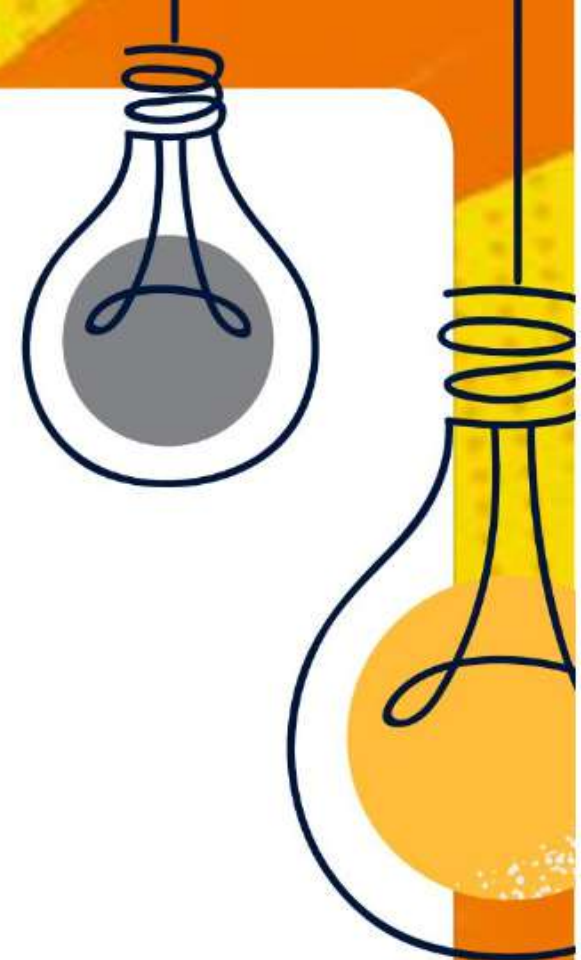


3. Letter to LSN



Find the code of 'A' ?

↓
T ✓



QUESTION

- ✓ • 'given time simple plan' is written as '@E4 & N4 % N5 # E6'
- 'tried solution plant great' is written as '#N8 @ D5 % T5 & T5'
- 'sick point good turn' is written as '#k4 % D4 @ N4 & T5'
- 'garden sister phone team' is written as '&E5 # R6 % N6 @ M4'
- *Example* : Which of the following is the code for 'translate'?

• ~~(a)~~ @E84

• ~~(b)~~ @E9

• ~~(c)~~ #E8

• ~~(d)~~ #T8

• (e) #T9

@ E9

Bank

LSN Matching

→ Logic

Number → No. of Lett

Letter → Last Letter

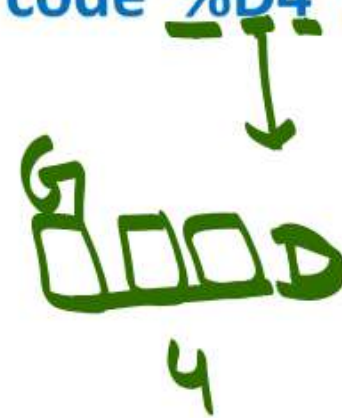
Symbol → Fixed (First Letter)

QUESTION

- 'given time simple plan' is written as '@E4 & N4 % N5 # E6'
- 'tried solution plant great' is written as '#N8 @ D5 % T5 & T5'
- 'sick point [✓]good [○]turn' is written as '#k4 % [○]D4 [○]@ N4 & T5'
- 'garden sister phone team' is written as '&E5 # R6 % N6 @ M4'

• **Example :** In the given code language, what does the code '%D4' represent?

- ~~(a) Point~~
- ~~(b) Turn~~
- ~~(c) Sick~~
- ~~(d) Good~~
- (e) None of these



QUESTION

In a certain code language, 'yes you can' is coded as 'an cf dt' and 'you are enough' is coded as 'sk dt hw'. How is 'you' coded in the given language?

एक निश्चित कूट भाषा में, 'yes you can' को 'an cf dt' के रूप में कूटित किया जाता है और 'you are enough' को 'sk dt hw' के रूप में कूटबद्ध किया जाता है। दी गई भाषा में 'you' को कैसे को डत किया जाता है?

(a) hw

(b) cf

☒ (c) dt

(d) sk

4. Letter to ~~Number~~ fixed

Sent to Sent ✓

Example:

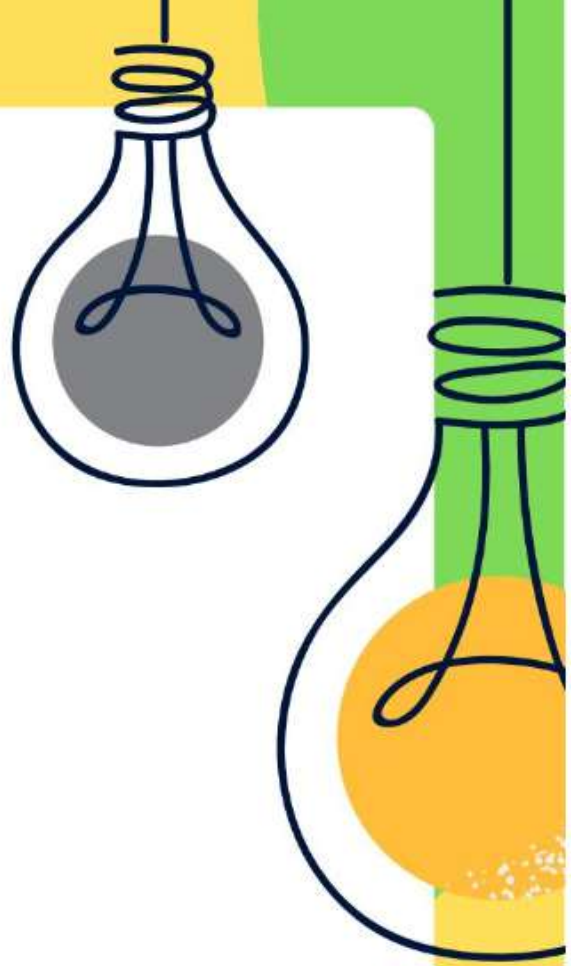
Rocket airplane sky stars → ci Pi di ki

Satellite moon sun sky → ni ci ui li

Sky sun stars mars → ui gi ki ci

Venus airplane moon Planet → di qi mi ni

what is the code for 'Rocket' → ?



5. ~~Sentence to sentence~~

Sent to Number fix ✓

Example:-

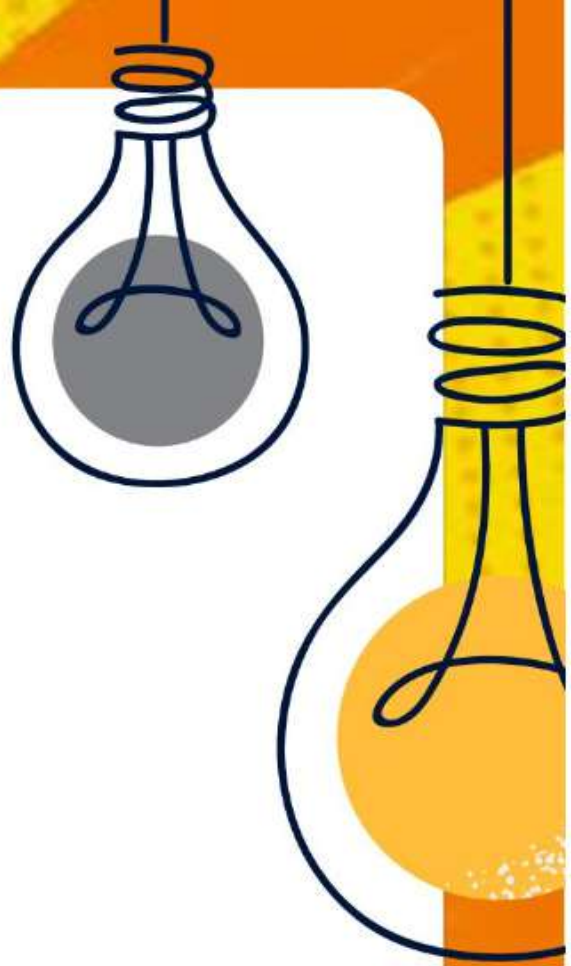
Good deeds Pay → 2 4 5

Pay all bill → 5 6 7

All your deeds count → 6 8 4 9

what is code for 'count' → ?

↓
या तो 8 या 9 ✓



Matching concept

- ✓ Letter to letter matching
 - ✓ Word to word
 - ✓ Sentence to sentence
- ✓ Sentence to digit number
 - ✓ Digits to digits
 - ✓ LSN to lsn
 - ✓ Sentence to lsn

Matching

Q. No. :

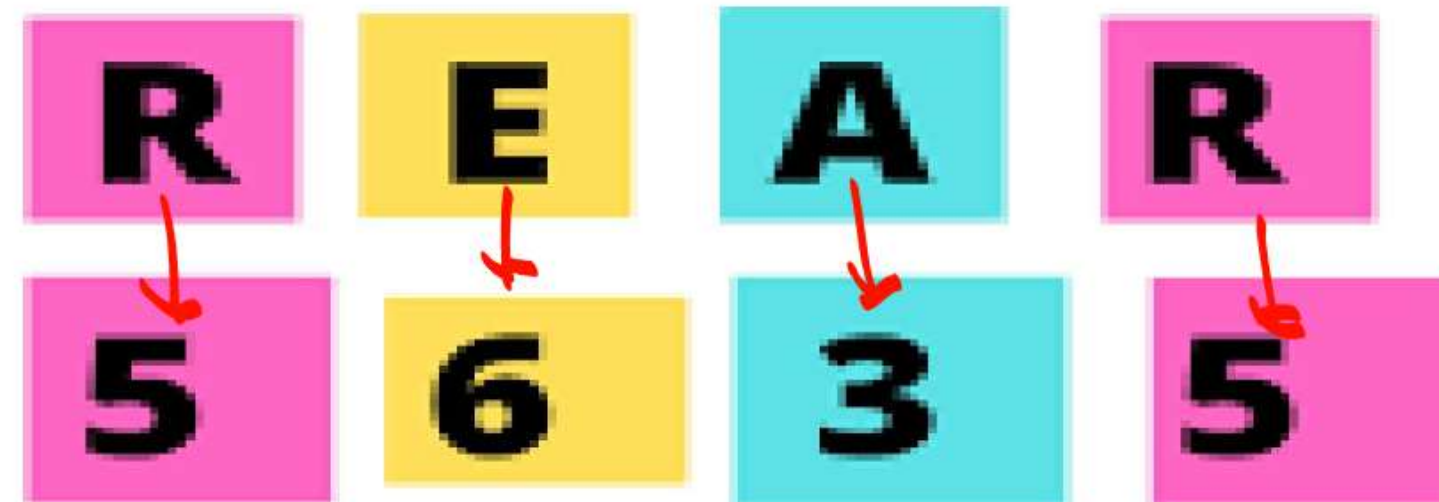
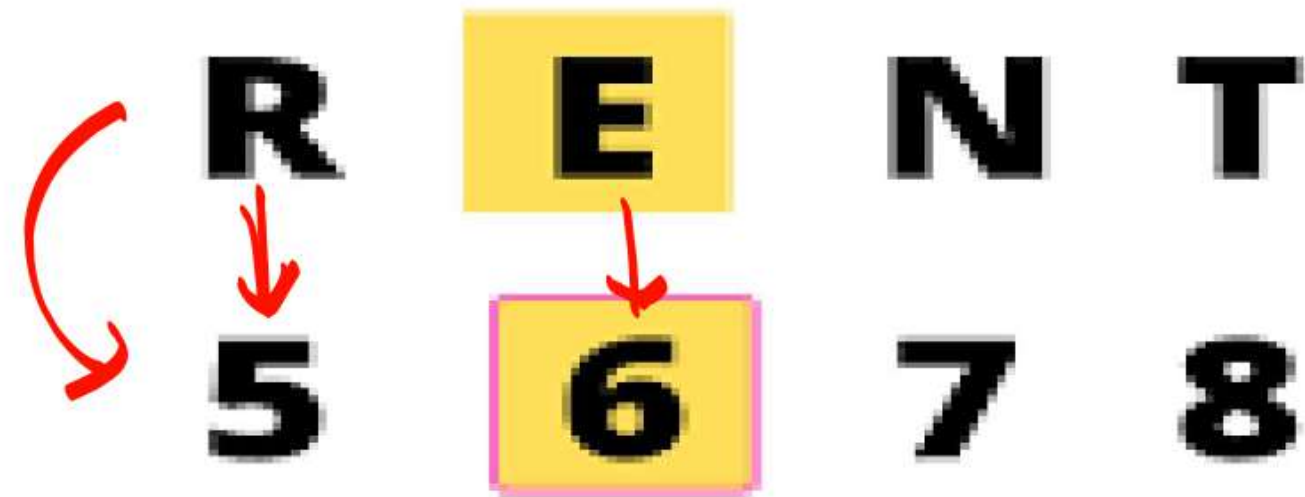
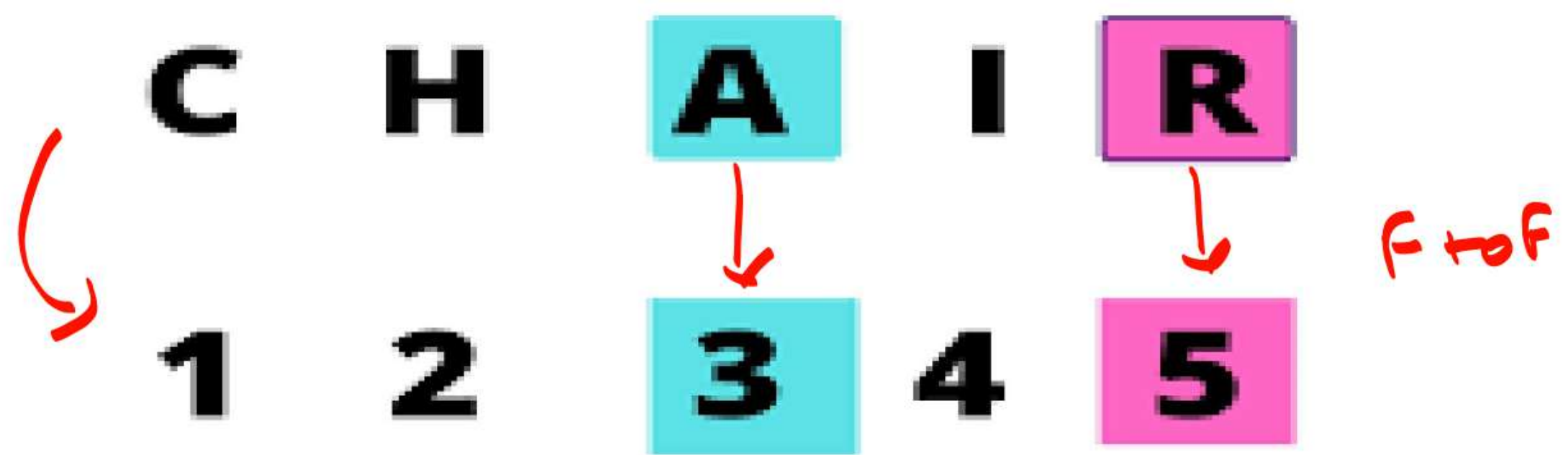


repair the mobile → gf ed ls

mobile is lost → sq gf tf

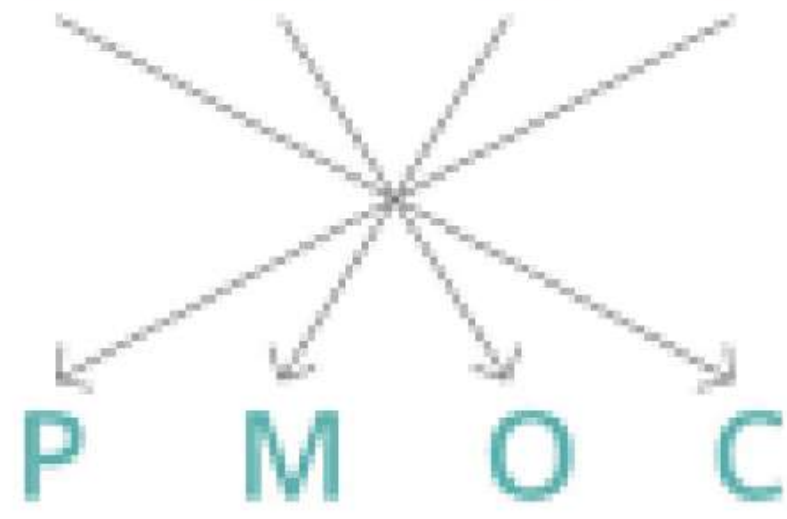
Matching



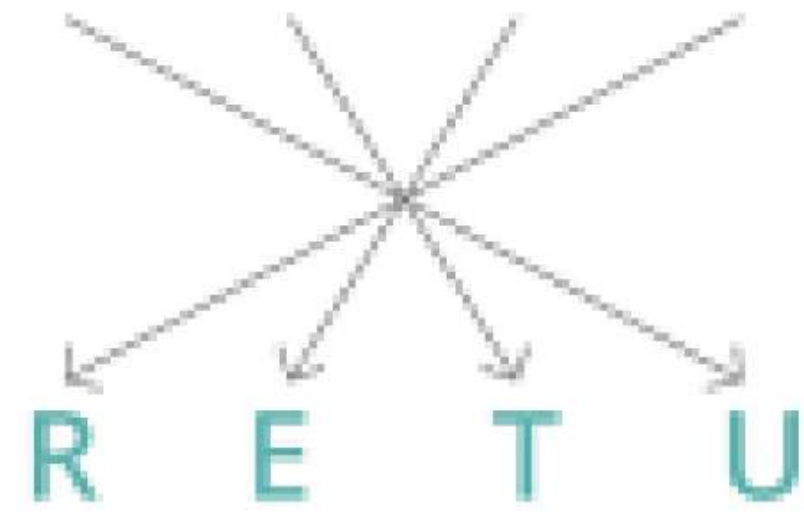


Q No. :

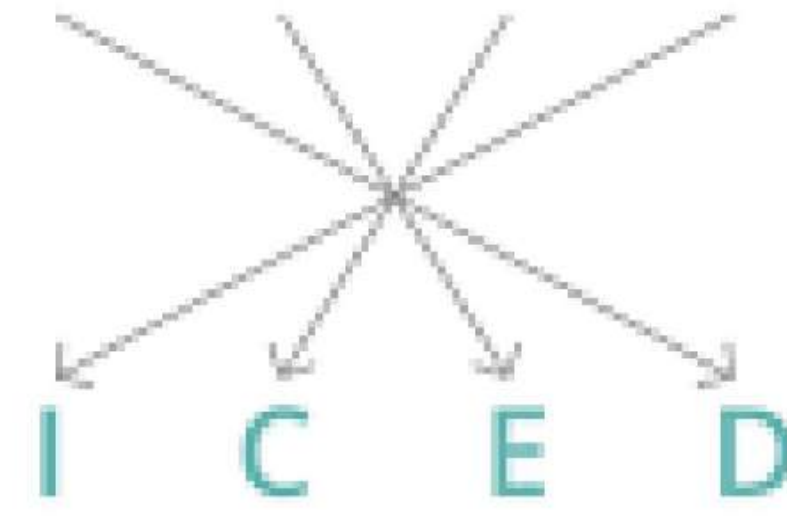
C O M P



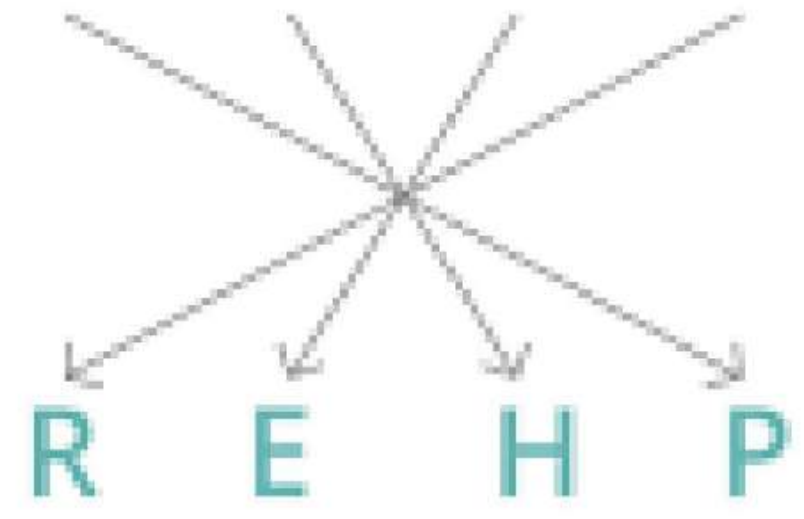
U T E R

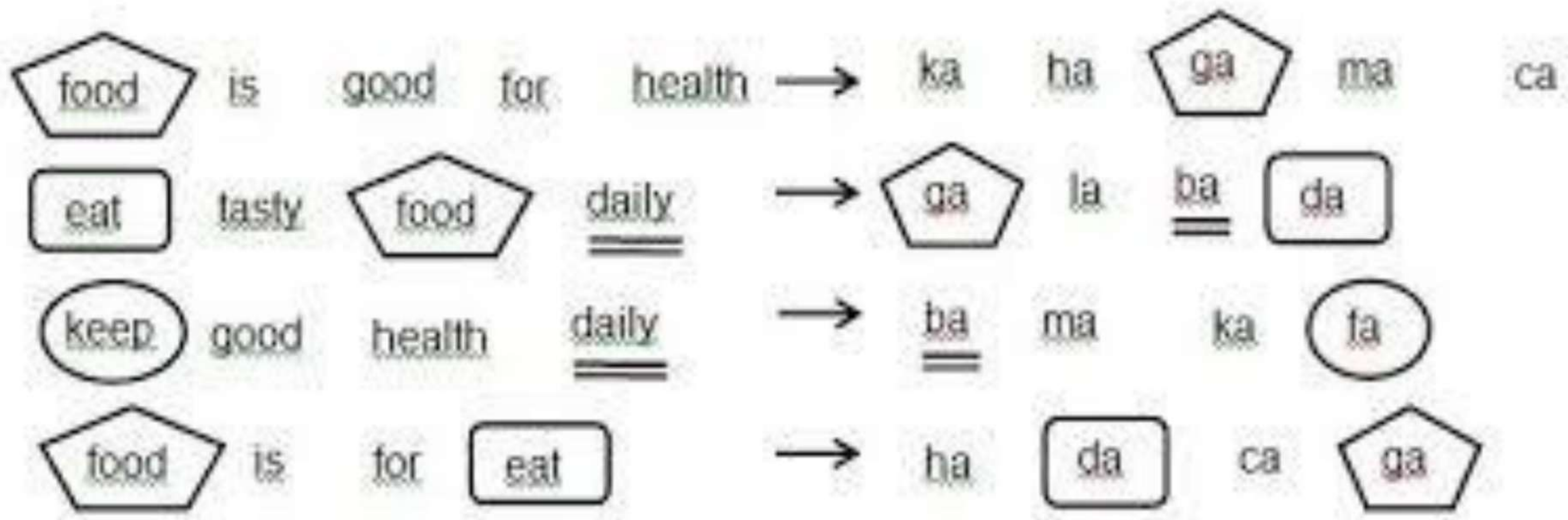


D E C I



P H E R





chase clouds away → hl mt dv

clouds block sun → ya co hl ✓

2.(3)



No logic
 ↓
 Fixed coding
 ↓
Matching

Therefore,

