

Chinese Coding

वाक्य की वाक्य से कोडिंग ✓

Sentence to sentence coding

OR

LSN to LSN coding ✓

↓ Letter अक्षर
↓ Symbol प्रतीक
↓ Number संख्या



Chinese Coding

Letter to LSN

Sentence to
Number

Letter to
Symbol

Letter to
Number
Fixed

LSN to
LSN

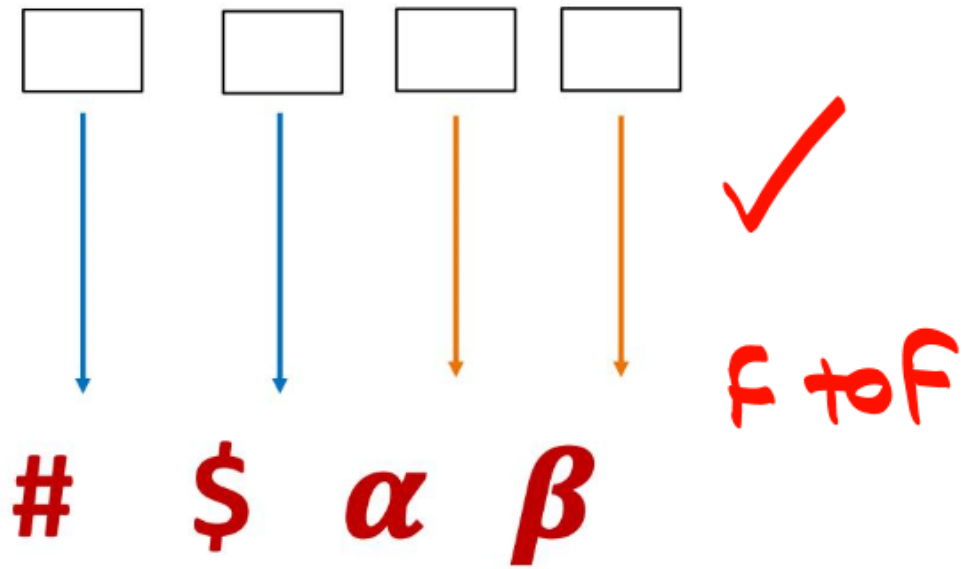
वाक्य से वाक्य
Sentence to
Sentence

Note : Representation changes but Process to solve does not.

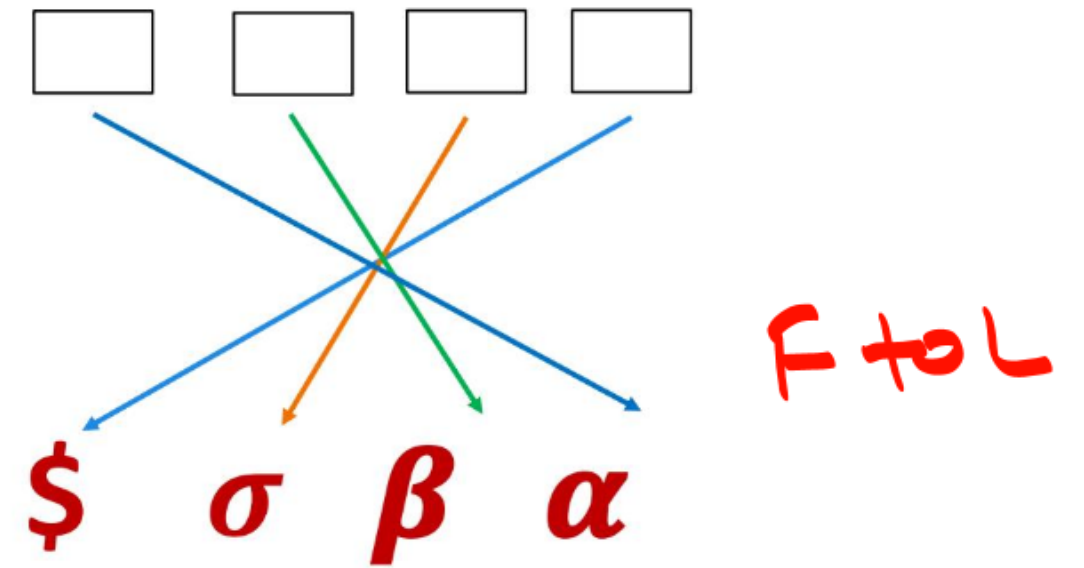


1. Letter To Symbols

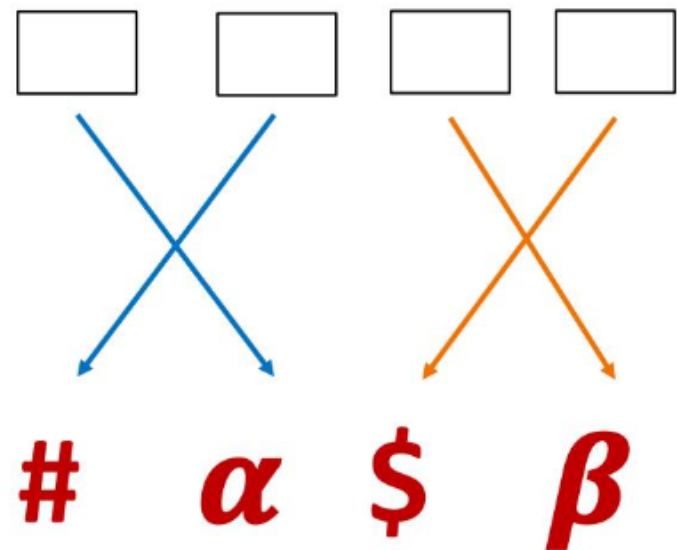
(a)



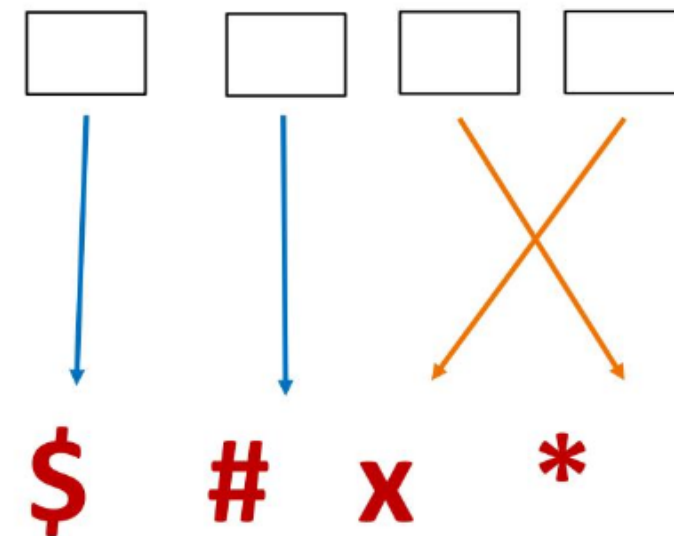
(b)



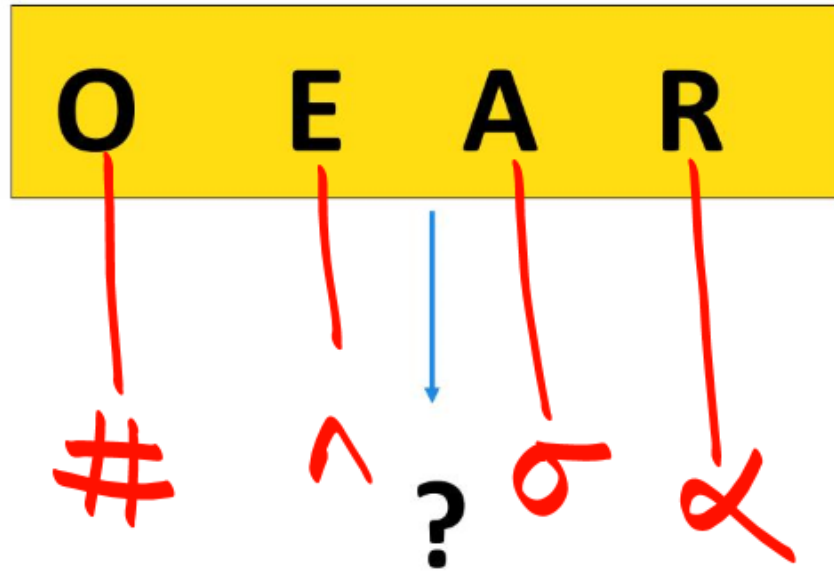
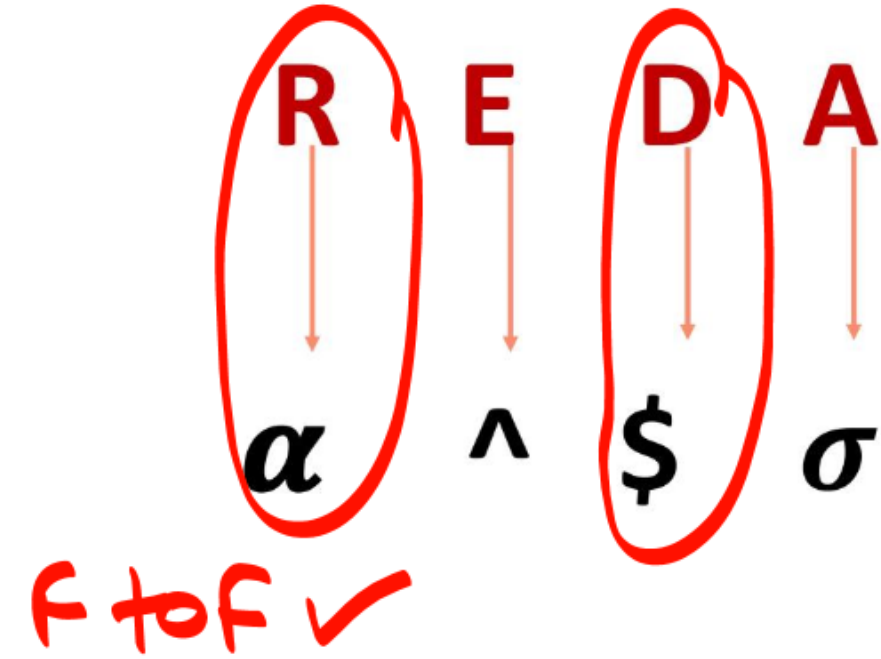
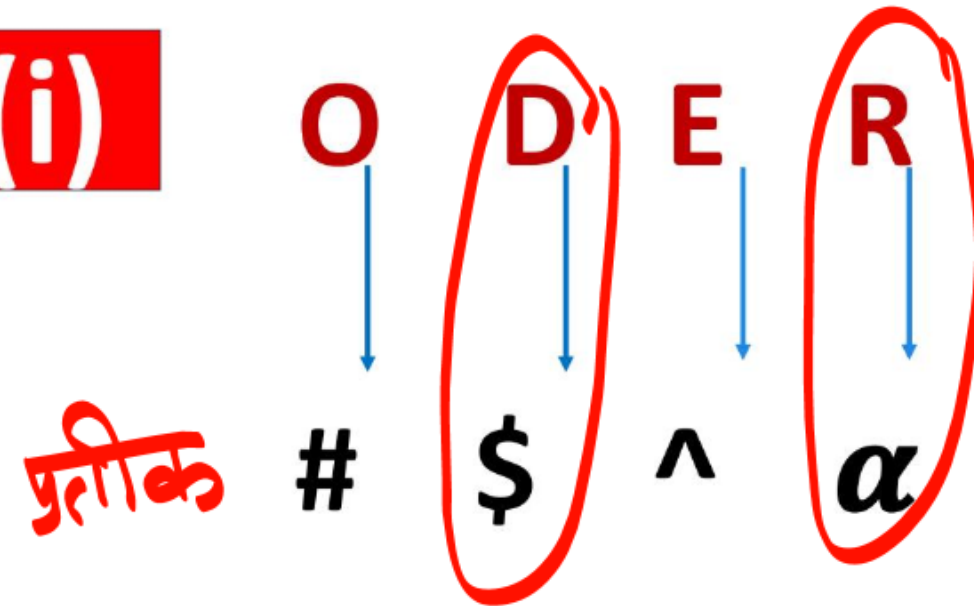
(c)



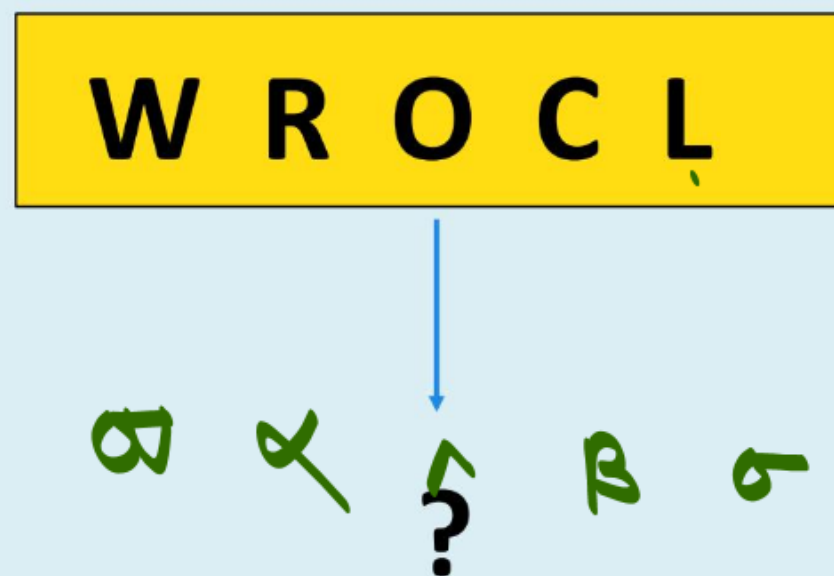
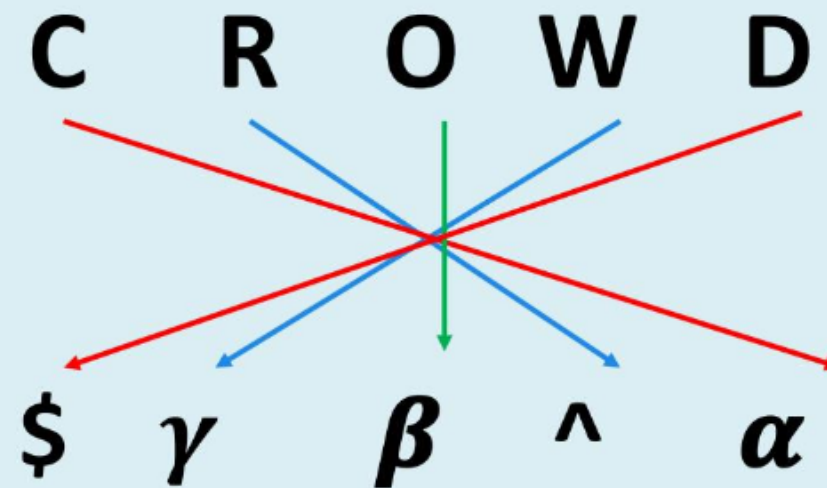
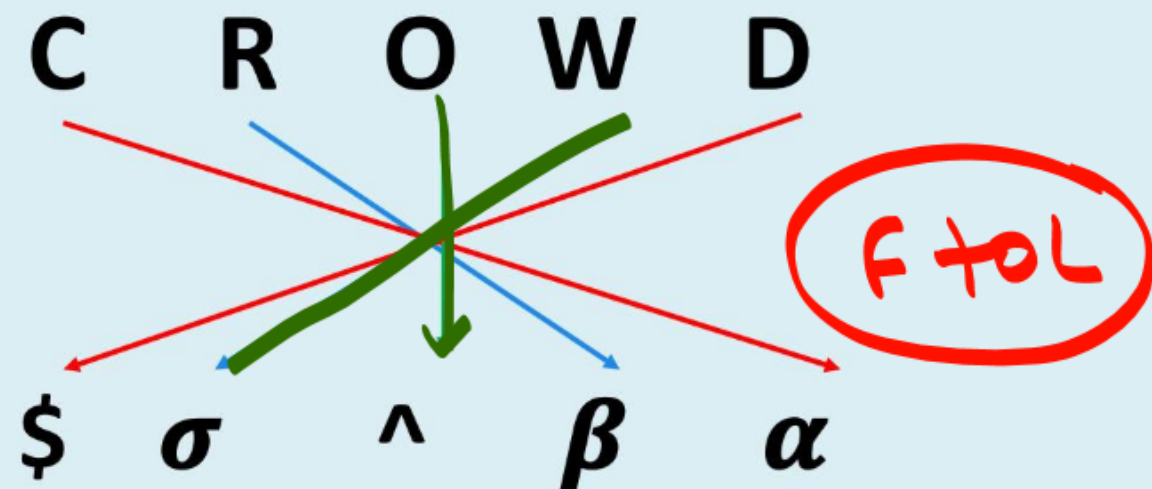
(d)



EXAMPLE (i)



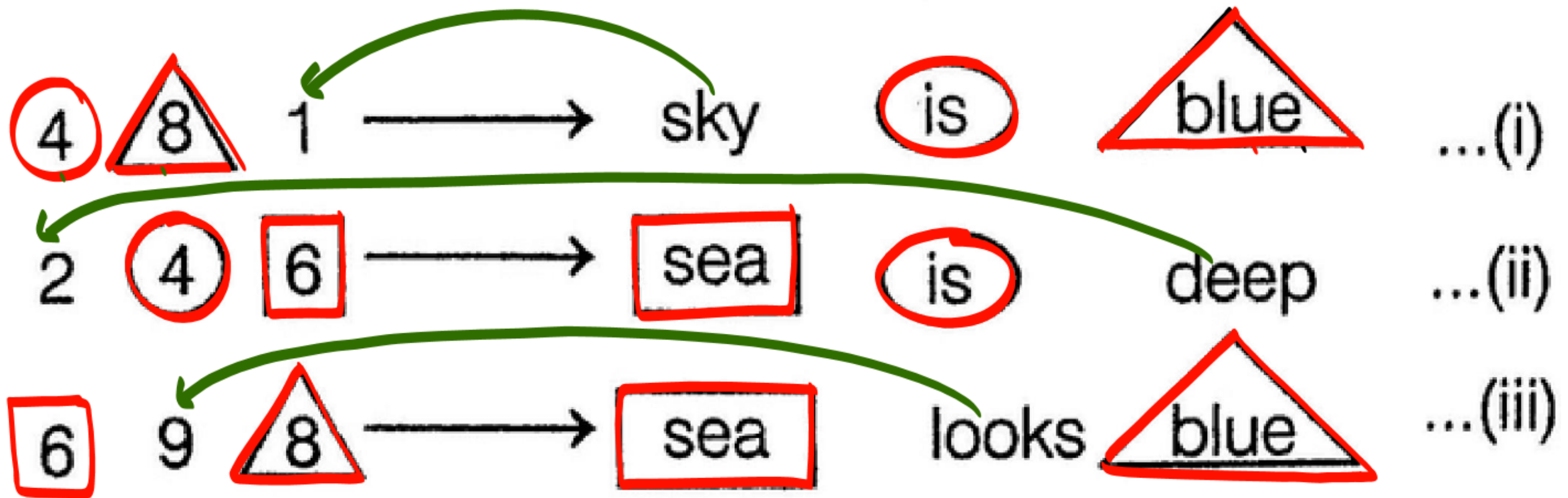
EXAMPLE (ii)



2. Sentence To Number

Matching
Concept

No particular pattern ✓



blue → 8
is → 4

Sea → 6

Killer Ang:-

if a word is common than a code must be
common as well

यदि एक शब्द 'समान' है तो एक कोड भी समान
होगा।

3. Letter to LSN

R A H U L
↓ ↓ ↓ ↓ ↓
H T L # 7

M E G A
↓ ↓ ↓ ↓
U M + T

Find the code of 'A' ?

↓
T

M E H U L
↓ ↓ ↓ ↓ ↓
U M L # 7

L
↓
Letter
अक्षर

S
↓
Symbol
प्रतीक

N
↓
Number
अंक



QUESTION

- 'given⁵ time⁴ simple⁶ plan⁴' is written as '@E4 & N4 % N5 # E6'
 (Time plan given simple)
- 'tried⁶ solution⁴ plant⁴ great⁴' is written as '#N8 @ D5 % T5 & T5'
- 'sick point good turn' is written as '#k4 % D4 @ N4 & T5'
- 'garden⁶ 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

Translate

@9E

✓ Letter → Last Letter of each word
✓ Number → No. of Lett.
✓ Symbol → First Letter
 ↓
 Symbol

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

G → %

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 कोडित किया जाता है?

(a) hw

(b) cf

☒ (c) dt

(d) sk

Matching
concept

4. Letter to Number fixed

Sent to Sent coding

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' → ?
P.i

✓
Elimination
Approach ✓



Substitutional coding

प्रतिस्थापन कोडिंग

Example

[Coding] [सवाल]

'ROME' is written as 'France', 'France' is written as 'USA',

'USA' is written as 'PERU', 'PERU' is written as 'India'. Then

'PERIS' is capital of which Nation ?

Real Ans → France

USA ✓

'ROME' को 'France' लिखा जाता है, 'France' को 'USA' लिखा जाता है, 'USA' को 'PERU' लिखा जाता है, और 'PERU' को 'India' लिखा जाता है। तो 'PERIS' किस देश की राजधानी है?

Matrix Coding

पंक्ति
Row

Column (स्तम्भ)

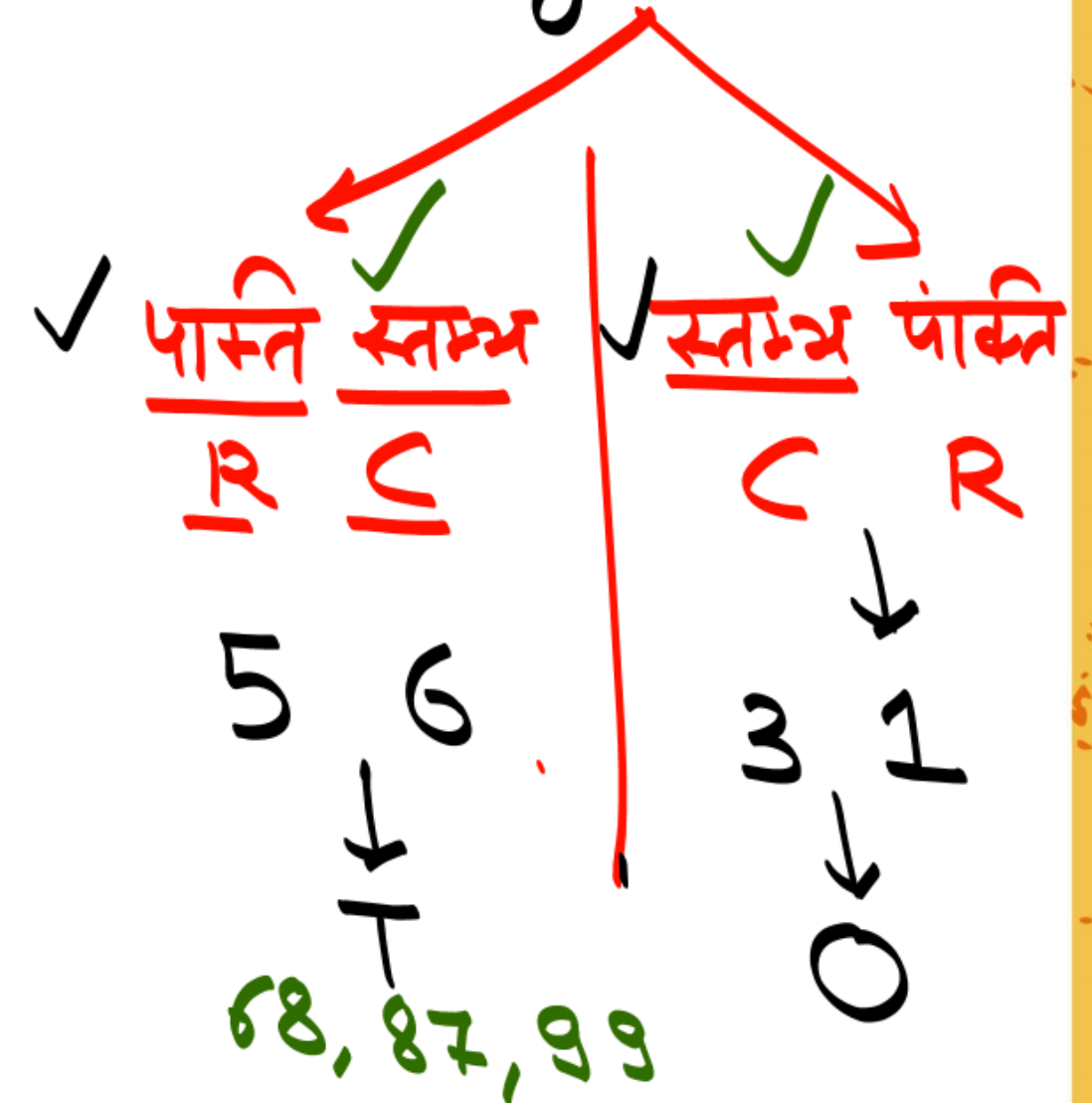
	↓	↓	↓	↓	↓	↓
	0	1	2	3	4	
→ 0	F	O	M	S	R	
→ 1	S	R	F	O	M	
→ 2	O	M	S	R	F	
→ 3	R	F	O	M	S	
→ 4	M	S	R	F	O	

	↓	↓	↓		
	5	6	7	8	9
→ 5	A	T	D	I	P
→ 6	I	P	A	T	D
	7	T	D	I	P
	8	P	A	T	D
→ 9	D	I	P	A	T

M O S A

- (A) 00, 98, 23, 34
 (B) 12, 67, 04, 85
 (C) 43, 67, 11, 33
 (D) 24, 67, 11, 41

दो प्रकार के Representation
 of each Letter



Examples

practice ✓