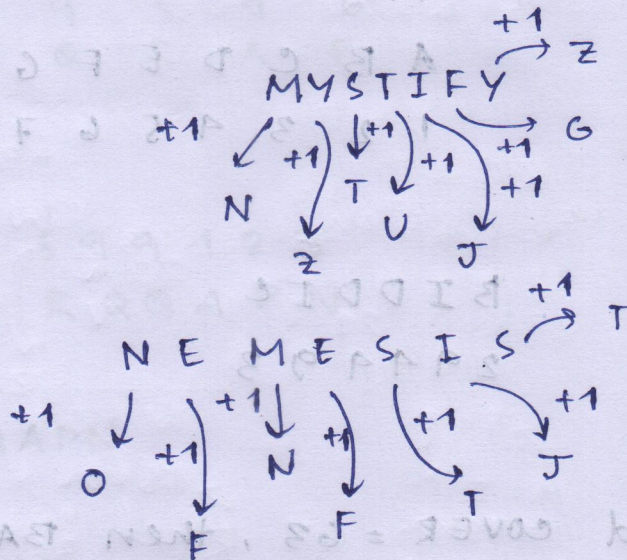


Coding And Decoding

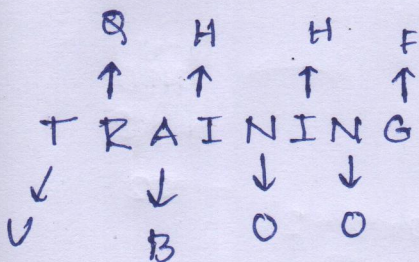
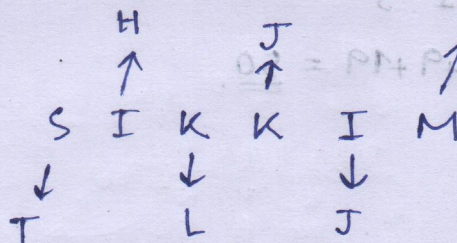
Letter Coding - Decoding

ex 1) If in certain languages MYSTIFY is coded as NZTUVJGZ, how is NEMESIS coded in that language?



Ans b) OFNFTJTT

ex 2) In a certain code, SIKKIM is written as THLJTL. How is TRAINING written in that code?



Ans. b) UQBHOHOF

Number coding - Decoding

Ex 3) If in a certain language A is coded as 1, B is coded as 2, and so on, how is BIDDIC coded in that code?

Ans a) 294493

	A	B	C	D	E	F	G	H	I
	1	2	3	4	5	6	7	8	9

B I D D I C

2 9 4 4 9 3

Ex 4) If D=4 and COVER = 63, then BASIS = ?

Ans b) 50

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
Z	Y	X	W	V	U	T	S	R	Q	P	O	N
26	25	24	23	22	21	20	19	18	17	16	15	14

B A S I S

$$2 + 1 + 19 + 9 + 19 = \underline{50}$$

C O V E R

$$3 + 15 + 22 + 5 + 18 = \underline{63}$$

Mixed Coding-Decoding

Ex 5) In a certain code, 2 is coded as P, 3 as N, 9 as Q, 5 as R, 4 as A and 6 as B. How is 599423 coded in that code?

2	3	9	5	4	6
P	N	Q	R	A	B

5	9	9	4	2	3
R	Q	Q	A	P	N

Ans d) RQQAPN

Ex 6) In a certain code, 3456 is coded as ROPE, 15526 is coded as APPLE, then how is 54613 coded?

3	4	5	6	1	2
R	O	P	E	A	L

5	4	6	1	3
P	O	E	A	R

Ans c) POEAR