LETTER CODING

Coding Decoding is very important topic of Reasoning for Competitive Exams. We will learn all type of Coding Decoding Question. Before, proceed further, we must remember the letter position from Start and end in English Alphabet. It is important to Solve and speed up Coding / Decoding Reasoning Questions

Trick to Remember Letters Position in English Alphabet

First 4 letters, every body know, therefore no trick required.

Remember word **EJOTY**, Letters are Multiple of 5

"EJOTY". Rank of E is 5

- F for Fix and Fix and "Six" are rhyming words
- "G". Everybody knows G-7 Nations.
- H looks like 8
- In cursive writing, it looks like 9

"EJOTY". Rank of J is 10

- J & K = Jammu and Kashmir J-10 & K-11
- Speak together "L Twelve" Sounds like Homonyms
- Middle most letter in the series is "M" 26/2 =13
- **November 14** is Children's Day.



"EJOTY". Rank of O is 15

- Reverse of P looks like 6 P-16
- **Q Queen** 17 pe Khatra (खतरा)
- **R Raja,** Raja is one year older than Queen / राजा, रानी से एक वर्ष बड़ा है 17+1 = 18
- UNISSSS 19 Stress on S
 "EJOTY". Rank of T is 20 / T-20 Cricket
- U are a graduate(21) Graduation at the age of 21
- V for Victory. two fingers to represent Victory. V- 22
- 90 degree Anti-clock wise letter "W", it looks like 3, its rank is "23".
- X, it is being divided into four parts. Rank of letter "X" is 24. "EJOTY". Rank of letter "Y" is 25.
- Z is last Word 26

Types of Coding Decoding Reasoning

1. Letter to Letter Coding

The letter in the word is replaced by other letter, according to a specific rule.

1.1 Add or Subtract Number same number

In a certain language MYSTERY is coded as NZTUFSZ. What will be the code of TRANSPORT.

Word	M-	Y-	S-	T-	E-	R-	Y-
	13	25	19	20	5	18	25
	+1	+1	+1	+1	+1	+1	+1
Code	N -	Z-	Т-	U-	F-	S-	Z-
	14	26	20	21	6	19	26

+1 in every letter for the code, therefore,

Word	Т	R	A	N	S	Ρ	0	R	Т
Code	U	S	В	0	Т	Q	Ρ	S	U

1.2 Decoding

In a certain language SUPER is coded as TVQFS. UJNF is the code of which word.

SUPER -> S+1 =T, U+1=V, P+1=Q, E+1=F, R+1=S

??????? -> UJNF

U-1=T, J-1=I, N-1=M, F-1 = E = TIME

1.3 Add or Subtract in Sequence

In a certain language DELHI is coded as CCIDD. What will be the code of MUMBAI.

Word	D-4	E-5	L-12	2	Н	-8	1-	9
	-1	-2	-3		-4	Ļ	-5	5
Code	C-3	C-3	I-9		D	-4	D	-4
Word	Μ	U	М	В		A		I
	-1	-2	-3	-4		-5		-6
Code	L	S	J	Х		V		С

1.4 Alternate Change

In a certain language SIKKAM is coded as THLJJL. What will be the code of TRAINING.

Word	S-19	I-9	K-11	K-1	.1	A-	-1	N	Л-13
	+1	-1	+1	-1		+1	L	-	1
Code	T-20	H-8	L- 12	J-1	0	J-:	10	L	-12
Word	Т	R	A	N	I		N		G
	+1	-1	+1	-1	+1	L	-1		+1
Code	U	Q							

1.5 *Reverse the order*

In a certain language MONKEY is coded as XDJMNL. What will be the code of TIGER.

Word	Μ	0	N	К	E	Y
	-1	-1	-1	-1	-1	-1
Code in Reveres	L	N	М	J	D	x

Code of MONKEY is XDJMNL

Word	Т	I	G	E	R
	-1	-1	-1	-1	-1
Code in Reveres	S	Н	F	D	Q

Code of TIGER is QDFHS

1.6 Same Letters in the code

In a certain language FASHION is coded as FOIHSAN. What will be the code of PROBLEM.

Word	F	A	S	Н	I	0	N
Code	F	0	I	Н	S	A	N

First and Last letter are same and remaining were from Right to Left

Word	Ρ	R	0	В	L	E	М
Code	Ρ	E	L	В	0	R	Μ

1.7 Divide the big word

In a certain language EDITION is coded as IDETNOI. What will be the code of MEDICAL.

Total letters -7, divide 3+1+3

Let the 4th letters as it is and Reverse the first 3 and last 3 letters

Word	E	D	I	Т	I	0	N
	1	2	3	4	5	6	7
	3	2	1	4	7	6	5
Code	I	D	E	Т	N	0	I

Same way

Word	Μ	E	D	I	С	A	L
	1	2	3	4	5	6	7
	3	2	1	4	7	6	5
Code	D	E	Μ	Ι	L	A	С

1.8 Vowel and Consonant

In a certain language NATURE is coded as MASUQE. What will be the code of POND.

Word	N	A	Т	U	R	E
	-1		-1		-1	

Code	М	A	S	U	Q	E
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In such question we will drive code on the basis of previous rule and code of POND -> OOMD, But this may not be in option, than we will think about Vowel.

Word	Ρ	0	Ν	D
No Change in Vowel and -1 in Consonant	-1		- 1	- 1
Code	0	0	Μ	С

1.9 Opposite Letters

In a certain language GOD is coded as TLW. What will be the code of TEMPLE.

Word	G-7	0-15	D-4
Total	27	27	27
Code	T-20	L-12	W-23

Total is 27; that means opposite letters. Same way,

TEMPLE is coded with opposite letters- > GVNKOV

