## coding & decoding [6-Times]

- -> Letter-letter coding
- -> Letter- Number coding
- -> Statement-cod mg
- mgg coguid

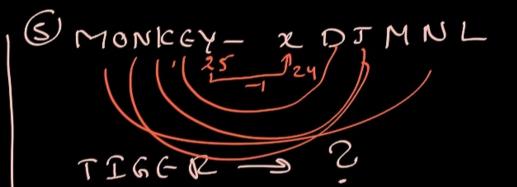
Pe 1:- Letter-letter codmg:-

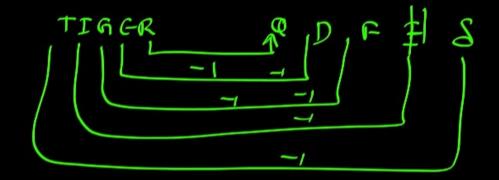
BELHI is coded as EFMIJ, what is the code for punct

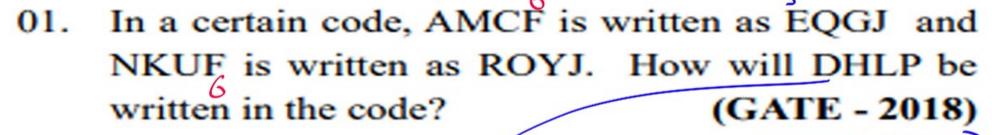
PUNE

C+1,+1,+1,+1)









- (a) RSTN
- (c) HLPT

- (b) TLPH
- (d) XSVR

- 02. If IMHO = JNIP; IDK =JEL: and SO =TP, then IDC = (GATE 2019)
  - (a) MC
    - (b) JC
  - (c) JDE
- ( せい+1/+1)

- (b) JCD
- (d) <u>JED</u>



JCT. In the same code PAROLE will be written as?

(a) NCPQJG

(c) RCPQJK

(b) <u>NCQPJC</u>

(d) RCTQNG

(10gsc) +2, -2, +2---)

O4. In certain language, CHAMPION is coded as HC-MAIPNO, how is NEGATIVE coded in that code?

(a) ENAGITEV

en Ag

(b) NEAGVEIT

(c) MGAETVIE

(d) EGAITEVN

q) 
$$(300k)^{2}$$
 pen = 8  
pen - NIB = 2,  
 $35 - 25 = 10$ 

(a) 
$$1300k = 172^{-4}3x4 = 172^{-4}$$

PEN =  $105(35x3)$ 

INK =  $2,34x3 = 102^{-4}$ 

[Sum] x no of letters

(a) 
$$AT = 20$$
 $1-20$ 
 $1-20$ 
 $2007$ 
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 $21-20$ 
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 $21-20$ 
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17. If 
$$E = 10$$
;  $J = 20$ ;  $O = 30$ ; and  $T = 40$ , what will be

P + E + S + T?
(GATE - 2019)

(a) 120
(b) 164
(c) 82
(d) 51

```
statement coding:
                                 Blood
  In code language
                                    (Red) -
                                             -> pmk
       while - Black
       Black - Red
        Red - pink
        Pink -> gran
        green - yellow.
En that language, what colour of Blood 2.
```

09.	If ROOM is called BED, I WINDOW is called FLC called COOLER, on what (a) WINDOW (c) FLOWER	OWER and FLO	OWER is
10.	If SAND is called AIR, A PLATEAU is called WEI LAND and ISLAND is where will a woman draw (a) WELL (c) SKY	LL, WELL is called SKY, the	called IS-
11.	If SKY is called SEA, WATER is called AIR, AI CLOUD is called RIVER when thirsty?  (a) SKY (c) WATER	IR is called CL	OUD and

•

12. In a certain code, 'nee tim see' means 'how are you'; 'ble nee see' means 'where are you', what is code for 'where'?

(a) nee

(b) tim

(c) see

(d) ble

13. In certain code language, '851' means 'good sweet fruit', '783' means 'good red rose' and '341' means 'rose and fruit'. Which of the following digit stands for 'sweet' in that language?

(a) 8

(b) 5

(c) 1

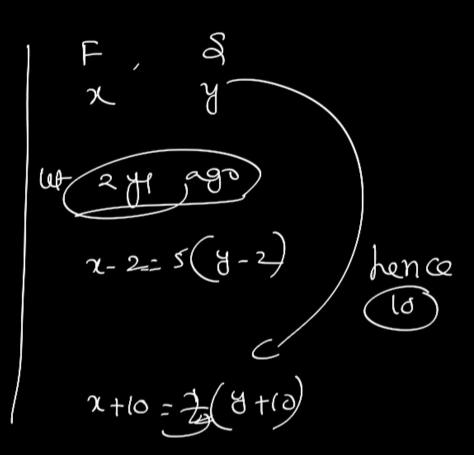
(d) 3

## Problems on Ages

when ages Ratio is given => A:B=7:57x, 5y

## THE PRESENT AGES RATIO OF P AND Q IS 5:7.. THE AGES DIFFFERENCE BETWEEN Q'S PRESENT AGE AND P'S AGE AFTER 6 YRARS WILL BE 2. FIND SUM OF THEIR PRESENT AGES?

```
P:Q = 5:7
P = 5X
Q=7X
Q'S PRESENT - [P+6] = 2
7X --- [5X + 6] = 2
7X ---5X---6 = 2
2X = 8
X= 4
SUM OF THEIR PRESENT = P + Q = 12X
12X4
48
```



- 01. A person was asked to state his age in years. His reply was, "Take my age three years hence, multiply it by 3 and then subtract three times my age three years ago and you will know how old I am. What was the age of the person (years)?
  - (a) 18
- (b) 20

(c) 24

(d) 32

$$3(x+3)-3(x-3) = x$$

$$3x+9-3x+9 = x$$

$$x=18$$

,