

CODING AND DECODING

P. 9 NO:-25

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| J | K | L | M | N | O | P | Q | R |
| S | T | U | V | W | X | Y | Z |   |

1. MYSTIFY  $\Leftrightarrow$  NZTUTGZ

NEMISES  $\Leftrightarrow$  QFNJTFT

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2. NATURE  $\Leftrightarrow$  OCUWSG

FAMINE  $\Leftrightarrow$  ? (+1) (+2) (+1) (+2) (+1) (+2)

$\therefore$  GCNKOQ

3. COMPUTER  $\Leftrightarrow$  FPSOVUHS

MEDICINE  $\Leftrightarrow$  ? (+3) (+1)

$\therefore$  PFJHDTQF

4. MONKEY  $\Leftrightarrow$  XDJMNL

TIGER,  $\Leftrightarrow$  ? QDFHS

Y  $\Leftrightarrow$  X  
E  $\Leftrightarrow$  D  
K  $\Leftrightarrow$  J

T  $\Leftrightarrow$  S

I  $\Leftrightarrow$  H

G  $\Leftrightarrow$  F

E  $\Leftrightarrow$  D

R  $\Leftrightarrow$  Q

5. ENTRY  $\Leftrightarrow$  1 2 3 4 5

STEADY  $\Leftrightarrow$  9 3 1 7 8 5

TENANT  $\Leftrightarrow$  ?

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P.9 NO:- 26

2. 1.  $44 \times 44 = 4444$

$34 \times 52 = 5423$   
42 13

$81 \times 46 = ?$   
42 13

$\Rightarrow 4168$

6.  $137 + 276 = 435$

$731 + 672 = ?$

$$\begin{array}{r} 137 \\ 276 \\ \textcircled{1} \textcircled{1} \\ \hline 435 \end{array}$$

$$\begin{array}{r} 731 \\ 672 \\ \textcircled{1} \textcircled{1} \\ \hline 1623 \end{array}$$

Octa language

0 - 0

1 - 1

2 - 2

3 - 3

4 - 4

5 - 5

6 - 6

7 - 7

$\textcircled{1}$   
8 - 0

9 - 1

10 - 2

11 - 3

12 - 4

13 - 5

14 - 6

15 - 7

$\textcircled{2}$   
16 - 0

17 - 1

Octa language means in the given question the numbers are in b/w 1 to 7. so we are using Octa language code.

7. Given  $D = 4$ , COVER = 63

BASIS = ?

(3+15+22+5+18)

$2+1+19+9+19 = 50$

$\therefore 50$

8.  $\frac{6}{\text{REASON}} = 5 \Rightarrow 6-1$

$\frac{8}{\text{BELIEVED}} = 7 \Rightarrow 8-1$

$\frac{10}{\text{GOVERNMENT}} = ?$

$\Rightarrow 10-9 = \underline{9}$

11.  $GO = 32$  (Take reverse  $G = 20$ ,  $O = 12$ )  $\Rightarrow Z = 1$ ,  $Y = 2$ ,  $X = 3$   
like the  
 $SHE = 49$

$SOME = ?$  ( $8+12+14+22$ )  
 $= 56$



14. LUNCH = 6 (1+2+1+1+1)

DINNER = 8 (1+2+1+1+2+1)

SUPPER = 8 (1+2+1+1+2+1)

BREAKFAST = ? (1+1+2+2+1+1+2+1+1)  
= 12

All vowels are two  
A E I O U - 2  
All consonants - 1

15. BOOK - PEN = 8 [(2+15+15+11) - (16+5+14)]

PEN - NIB = ? [(16+5+14) - (14+9+2)]  
= 10

17. ~~AT~~ x ~~EAT~~ = 5 (E)

~~SAT~~ x ~~SEAT~~ = 5 (E)

~~GO~~ x ~~GOAT~~ = 21 (AT)

~~EAR~~ x ~~TEAR~~ = ? (T)  $\Rightarrow$  20

19. AROMA = 24 (1+18+15+13+1)  $\Rightarrow \frac{48}{2} = 24$

GRAND = 22 (7+18+1+14+4)  $\Rightarrow \frac{44}{2} = 22$

KWALITY = ? (11+23+1+12+9+20+25)  $\Rightarrow \frac{101}{2} = 50.5$

20.  $\frac{5}{\text{PLANT}} = 12.60$  ( $\frac{60}{5}$ )  $\Rightarrow 12.6$

$\frac{6}{\text{LEAVES}} = (12+5+1+22+5+19)$   
 $= \frac{64}{6} \Rightarrow 10.66$

29. White = blue = red = yellow = green = black = violet = orange

$\therefore$  yellow

31. Sand = air = Rock = well = Drainage = sky

$\therefore$  Drainage

32. bi nie pie  $\Leftrightarrow$  Some good jokes  
nie bat like  $\Leftrightarrow$  some real stories  
pie like to  $\Leftrightarrow$  many good stories

JOKES  $\Leftrightarrow$  ? bi