

# ① "Coding - decoding"

Date

Page No.

• Table :-

|      |   |   |   |   |   |      |
|------|---|---|---|---|---|------|
| (1)  | A | B | C | D | E | (5)  |
| (6)  | F | G | H | I | J | (10) |
| (11) | K | L | M | N | O | (15) |
| (16) | P | Q | R | S | T | (20) |
| (21) | U | V | W | X | Y | (25) |
| (26) | Z |   |   |   |   |      |

• Reverse table :-

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

Q: ①

TERMINAL → CREDIBLE  
 - - - - -  
 S D O L J O B M B O O C I J C M F

②

LABOUR = CANDID  
 ↓ ↓  
 K B A P T S B B M E H E

③

CONSUMER = TRIANGLE  
 ↓ ↓  
 E R V M N S C O L E N G I A T R

(4)

BREAKDOWN



INWODKAE

(5)

BREAK - 51342

KITE - 2796

RIB - 175 A

(6)

ROAMING

→ PLATEAU

APRNGOT

?

AMPVUDE

ROAMING

APRNGOT

(7)

TEMPORARY

WONDERFUL

-1+1-1+1/-1+1-1+1

SFLOOBBZ

(19)

si po se →

book is thick

ti no se →

bag is heavy.

kq si →

interesting book

die ti →

that bag

ix → se

book → si

bag → ti



that is interesting  
de re 59

(10)

SUBSTANCE  
RATR / V / FDOB

TENTHOUSE

SMDSIFTUP

(13)

JOINTLY

SERMON

1111

1PHOSMX

(14)

AUTOMATIC

BUILDINGS

01111111  
PUB/BUILD

mv/c/d/joint

(16)

POETRY

OVER

MORE

11111111  
DONDSX

11111111  
PNUDD

11111111  
NLNOD

(17)

MOTHER

BROUGHT

12222222  
OMVGGPV

PP@SIFV

(20) (18)

- SPRING

+2-2+3-3+4-4

UNUFRC

MOBILE

+2-2+3-3+4

OME FPA Ang

(22)

BRIGHTEN

~~HJSC MDSG~~

COMPLETE

ONPD/DS DK

(24)

REQUEST

+1  
S/R S2TV

VOWEL NUMBER

ACIP

↓  
1D3E A-



# Alphabet :-

- 'A' preceded by 'B' means B A
- 'A' followed by 'B' means A B
- 'A' preceded 'B' means A B
- 'A' follow B means B A

Q-2

left

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

right

(\*)

"odd man out"

- 1) prime
- 2) odd/even
- 3) sq/cube
- 4) divisible
- 5) add all

sequence,

(\*)

"find the total element bet<sup>s</sup> two elements"

Q ① L 24 R 21 <sup>27</sup><sub>(24-6)</sub> between element.

L 24 L 6

$$L = (24 - 6) - 1$$

$$L = 17$$

$$\begin{aligned} (L-L)-1 \\ (R-R)-1 \end{aligned}$$

Q ②

L 3 R 8

L 3 L 21

$$L = (21 - 3) - 1 = 17$$



$$L = (22 - 10) - 1 = 11 \text{ K}$$

~~$$R = (24 - 8) - 1 = 15 \Delta$$~~

↳ middle element find odd numbers

$$e x_1 = 3, 5, 7, \dots$$

ex: A B C      A - C & it's middle  
                Ans         removes B

formula:

$L = \text{mid} = \frac{L+L}{2}$

$R = \text{mid} = \frac{R+R}{2}$

L 24 L 6

$L = \text{mid} = \frac{24 + 6}{2} = \frac{30}{2} = 15$  from left

L 3 L 2 1

$$L(\text{mid}) = \frac{21+3}{2} = 12 = 2 \quad \text{A}$$



⑦ if start from B. and remove every second element then find element.

① L5 R4 element

|     |   |   |   |   |   |   |   |   |    |    |    |
|-----|---|---|---|---|---|---|---|---|----|----|----|
|     | 1 | 2 | 3 | 4 | 5 |   |   |   | 24 | 25 | 26 |
|     | A | B | C | D | E | - | - | - | x  | y  | z  |
| Now | 1 |   | 2 |   | 3 |   |   |   |    |    |    |

formula:  $-(x \times 2 - 1)$

solution: -

L5 R4

$$L = 5 + 4 = 9$$

$$\text{elem} = x \times 2 - 1$$

$$= 9 \times 2 - 1 = 18 - 1 = 17 \quad \Delta$$

$$= 0 \quad \Delta$$

② R7 L3

$$R = 10$$

$$L = 14 - 10 = 4 \quad \Rightarrow \quad 2 \times 4 - 1 = 7 = 6 \quad \Delta$$

⑧ if start from A. and remove every second element the find element.

|   |   |   |   |   |   |   |   |   |   |    |    |    |
|---|---|---|---|---|---|---|---|---|---|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |   | 24 | 25 | 26 |
| A | B | C | D | E | F | G | H | I | - | x  | y  | z  |
|   |   |   |   |   |   |   |   |   |   |    |    |    |
| B |   | D |   | F |   |   |   |   |   |    |    |    |
| 1 |   | 2 |   | 3 |   |   |   |   |   |    |    |    |

for mula =  $2x$

0: L6 R3

$$L = 6 + 3 = 9$$

$$L = 2x = 2 \times 9 = 18$$

$$= 8 \quad \Delta$$

② R6 L4

$$R = 10$$

$$L = 14 - 10 = 4$$

$$L = 4 \times 2 = 8 = 11 \quad \Delta$$



# Letter Series:-

Q:-

a b a b a b a b a b

(a) a b b b a (b) a b b a b (c) b a a b b (d) b b a b a

Soln:-

- first of all count the element.

- divide in the group of total element.

• Element = 12  $\rightarrow$  3 or 4

15  $\rightarrow$  3 or 5

16  $\rightarrow$  4 or 8

ex a b a b a b a b a b a b

$\therefore$  a b b a b Ans

(\*)

## Alphabet Series:-

Q:- (1) D F H, E J L, H N P, ?

(a) J O S

(b) L S U

(c) K R T

(d) K R S

$\rightarrow$  2 6 8

$\rightarrow$  5 10 12

$\rightarrow$  8 14 16

11 18 20

K R T

(2)

A/4, D/9, H/15, M/22

R/20

S/30

T/31

U/32

V/33

1 4 5  
2 9 6  
3 15 7  
4 22 8  
5 30 9

19 30  
S 30