

# \* LOGICAL REASONING \*

## # Alphabets

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E	J	O	T	Y	H	I	K (Kings II Punjab)	L (ko dekha)
5	10	15	20	25	8	9	11	12 bag gay

M	P	Q	R
13	16	17	18

mai 13 (Glo princess ko Queen to Right to vote)

A - 1	Z - 26
B - 2	Y - 25
C - 3	X - 24
D - 4	W - 23
E - 5	V - 22
F - 6	U - 21
G - 7	T - 20
H - 8	S - 19

1] PERSON  $\Rightarrow$  561957 [TCS]

SHOULD  $\Rightarrow$  ?

PERSON	SHOULD	H - 8	S - 19
<del>15 5 18 19 15 14</del>	<del>19 8 15 21 12 4</del>	I - 9	R - 18
<del>S \$ + \$ #</del>	<del>1 8 6 3 3 4</del>	J - 10	Q - 17
<del>7 3 9 1 6 5</del>	<del>Reverse</del>	K - 11	P - 16
<del>5 6 1 9 5 7</del>	<del>Reverse</del>	L - 12	O - 15
$\Rightarrow$ <span style="border: 1px solid black; padding: 2px;">433681</span>		M - 13	N - 14

2] JUNE  $\Rightarrow$  5531 [Amcat]

JULY  $\Rightarrow$  ?

JUNE	JULY
10 21 14 5	10 21 12 25
1 3 3 5	1 3 3 7
$\Rightarrow$ 5331	$\Rightarrow$ <span style="border: 1px solid black; padding: 2px;">7331</span>

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3)  $Z = 2197$  [Infosys]

$$R = 729$$

$$J = ?$$

$$Z = 26 \div 2 = (13)^3 = 2197$$

$$R = 18 \div 2 = (9)^3 = 729$$

$$J = 10 \div 2 = (5)^3 = \boxed{125}$$

47) What would be wrong letter in series  
[TCS NQT]

D, G, J, M, P, T, V, T, B

2 2 2 2 3

5) ENERGY = 251814755

HOCKEY = ?

ENERGY  
5 14 5 18 7 25  
25 18 14 7 5 5

descending order

HOCKEY  
8 15 3 11 5 25

25 11 15 5 3 8

$\Rightarrow \boxed{25 11 15 8 5 3}$

6) AT = 20

BET = 200

FAT = ?

AT

$1 \times 20$

20

BET

$2 \times 5 \times 20$

200

FAT

$6 \times 1 \times 20$

$\Rightarrow \boxed{120}$

7) G = ? [Infosys]

KING = 41

QUEEN = ?

G = ?

KING

$11 + 9 + 14 + 7 = 41$

QUEEN

$17 + 21 + 5 + 5 + 14$

$\Rightarrow \boxed{62}$

8]  $SUN = 26$        $SUN = (9+12)-14$        $APL = (7+13)-12$        $SKT = (19+11)-20$   
 $GPL = 11$        $40-14=26$        $23-12=11$        $30-20=10$   
 $SKT = ?$

9]  $OM = 56$       [AMCAT]  
 $GOT = 126$        $OM = 15+13$        $GOT = 7+15+20$        $CARO = 28 \times 2 = 56$        $CARO = 42 \times 3 = 126$        $CARO = 26 \times 4 = 104$   
 $CARD = ?$

10)  $PRICE = 13\$2@$       PRICE MEANS  
MEANS =  $6@4\#%$       16 18 9 3 5      13 5 1 14 1 9  
SCAMP = ?      1 3 \\$ 2 @      6 @ 4 # %

SCAMP  
 $\Rightarrow [1 \ 6 \ 1 \ 2 \ 0]$

11) ROSE = 6821      ROSE      CHAIR  
CHAIR = 7 4 5 6      18 19 19 5      3 8 1 9 1 8  
PREACH = 9 6 1 4 7 3      6 8 2 1      9 3 4 5 6  
SEARCH = ?

P R E A C H      S E A R C H  
16 18 5 1 3 8      ↓ ↓ ↓ ↓ ↓  
9 6 1 4 7 3      [2 1 4 6 7 3]

12) POND = 18192012      POND  
STARS = ?      2 6 16 15 14 4  
 $18 \ 19 \ 20 \ 21 \ 22 \ 23$

STARS

19 20 1 18 19

↓ ↓ ↓ ↓ ↓

21 24 7 26 28 + 3 = 3

 $\Rightarrow [21247263]$

$$13) \quad \text{NOSTALGIA} = 81 \quad [\text{AMCAT}]$$

FRICTION = ?

$$\begin{aligned} \text{NOSTALGIA} &= \frac{\text{No. of letters}}{g} \\ 14 \ 15 \ 19 \ 20 \ 1 \ 12 \ 7 \ 9 \ 1 &= \frac{99}{9} \\ &= 81 \leftarrow (99)^2 \leftarrow \end{aligned}$$

$$\text{F R T C T J O R} = 8 \text{ letters} = (8)^2 = 64$$

$$14) \quad B A T = 9 \quad \Rightarrow \quad (3)^2 \quad \Rightarrow \quad 9$$

$$\text{TAKE} = 16 \quad = (4)^2 \Rightarrow 16$$

$$\text{CAREER} = ? \quad = (6)^2 \quad \Rightarrow \boxed{36}$$

$$15] \quad z, v, \varphi, ?, l \Rightarrow H$$

$$\begin{array}{cccccc} 26 & 21 & 17 & 14 & 19 \\ \swarrow & \searrow & \swarrow & \searrow & \swarrow \\ -5 & -4 & -3 & -2 & \end{array}$$

(6) Z, W, S, P, L, T, E, ?

17) Z, Y, X, U, T, S, P, O, N, K, ?, ?, ?  $\in$  [J, I]  
26 25 24 21 20 19 16 15 14 11 10 9

18) find the pairs having the letters as much as in alphabets eq.  $\overbrace{A Z}^2 C D$

CARROT = ?

$$3 \ 1 \ 18 \ 18 \ 15 \ 20 \Rightarrow \boxed{\text{one}}$$

19) MEASURE

13 5 1 19 21 18 5  $\Rightarrow$  TWO  
 $\boxed{1 \quad 3 \quad 5}$

20) STUDENT = T V X H J T A

TEACHER = ?

STUDENT	T E A C H E R
+1 +2 +3 +4 +5 +6 +7	$\downarrow$
T V X H J T A	$\boxed{U \quad G \quad D \quad G \quad M \quad K \quad Y}$

21) MOUSE = K P S T C

LIGHT = ?

MOUSE

K P S T C

-2 +1 -2 +1 -2

LIGHT

+2 +1 -2 +1 -2

$\boxed{T \quad J \quad E \quad I \quad R}$

22) UNION = W L K M P

APPY = ?

UNION

W L K M P

+2 -2 +2 -2 +2

APPY

+2 -2 +2 -2 +2

$\Rightarrow$   $\boxed{C \quad N \quad R \quad J \quad A}$

23) POETRY = Q O N D S Q X

OVER = P N U D Q

MORE = ?

POETRY

$\overleftarrow{Q} \quad O \quad N \quad D \quad S \quad Q \quad X$

+1 -1 -1 -1 -1 -1

MORE

$\boxed{N \quad L \quad N \quad Q \quad D}$

OVER

P N U D Q

+1 -1 -1 -1 -1

24) MONKEY = XDJMNL  
TIGER = ?

~~MONKEY~~  
~~X D J M N L~~  
= 1 - 1 - 1 - 1 - 1  
~~TIGER~~  
~~C Q D F H S~~

25) BEAN = ABNE  
SALE = ISEA  
NEWS = ?  
BEAN      SALE  
~~ABNE~~    ~~ISEA~~

~~NEWS~~  
~~W N S E~~

26) GRASS = HFSQBZTRTR  
TOAST = ?

GRASS  
H f s q B z T R T R  
= 1 - 1 1 - 1 + 1 + 1 + 1 - 1

TOAST  
H S P N B z T R U S

27) JEALOUS = BFKKTVP  
HEARTEN = ?

JEALOUS  
B F K K T V P  
= 1 + 1 + 1 - 1 + 1 + 1 + 1

HEARTEN  
B F T Q O F U

28) ARCHERY = DSBGZSF  
TERMITIE = ?

~~ARCHERY~~  
DSB G Z SF

~~TERMITIE~~  
SF U L F U J

29) BLOCKED = TOLXPVW  
OZFMMXS = ?

OZ F M M X S  
B A U N N C H

\* opposite \*

BoT

craX

Dew

30) CHAT = RTAH

FEAR = VWAT

Opposite + !

PING = ?

P I N G

Opp G K R M T

+ I G L S H U

Empty - Vacant

faith - Unfaith

Goat

High - School

Indian - Railway

Jacklin - Queen

K - P

16N E

Man

31) If branches have leaves = 673

branch  
+

branches have branchel = 746 ^ branchy

mangoes all tocel = 491 ^ tocely

tocel = ? [4]

Vowels - opposite value

O → L

A → E

32) FORENSIC = 61218221419183

DORM = 4121813

CARAMEL = ?

FOR E N S I C

↓ ↓ ↓ ↓ ↓ ↓ ↓  
6 12 18 22 14 19 3

C A R A M E L  
↓ ↓ ↓ ↓ ↓ ↓  
3 26 18 26 13 22 12

D O R M  
↓ ↓ ↓  
4 12 18 13

33) PRINTER = 11181814759

$$109TC = 191920924$$

TERMITE = ?

PRINTER  
11 18 18 14 7 5 9      109TC  
opp same opp same

TERMITE

9 5 9 13 18 20 22 ]

34)  $264 \times 2 = 6$        $(0+6+4) \div 2 = 6$

$870 \times 3 = 11$        $(8+7+0) \div 3 = 5$

$735 \times 5 = ?$        $(7+3+5) \div 5 = 3$  ]

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