



MENTAL AGILITY
TOPIC – MISSING CHARACTER
LEVEL – 2
SERIAL NO. 2

1. Insert the missing number in each of the following

E	J	15	E	L
J	N	24	29	C
				?

- A. M
- B. Z
- C. Q
- D. S

2. Insert the missing number in each of the following

E	J	O
A	C	B
D	G	?

- A. M
- B. O
- C. N
- D. T

3. Insert the missing number in each of the following

26	63
?	124

- A. 216
- B. 343

- C. 215
- D. 342

4. Insert the missing number in each of the following

CK 16 9 *JR*
OS 24 19 *TX*
KM ? ? *PV*

- A. 14, 21
- B. 21, 14
- C. 56, 84
- D. 84, 56

5. Insert the missing number in each of the following

72	24	6
96	16	12
108	?	18

- A. 12
- B. 16
- C. 18
- D. 20

6. Insert the missing number in each of the following

13	12	5
17	15	8
25	24	?
29	21	20

- A. 7
- B. 9
- C. 11
- D. 15

7. Insert the missing character in each of the following

4C	2B	3A
28A	?	45B
7C	5A	15B

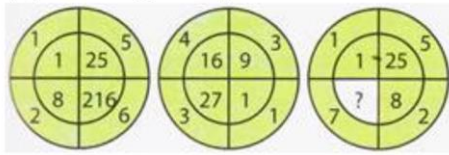
- A. 10C
- B. 10A
- C. 15B
- D. 15C

8. Insert the missing character in each of the following

A ₂	C ₄	E ₆
G ₃	I ₅	?
M ₅	O ₉	Q ₁₄

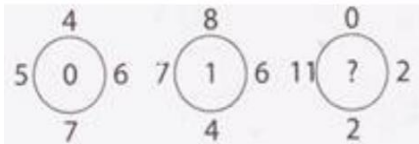
- A. L₁₀
- B. K₁₅
- C. I₁₅
- D. K₈

9. Insert the missing number in each of the following.



- A. 343
- B. 349
- C. 17
- D. 49

10. Insert the missing number in each of the following.



- A. 11
- B. 15
- C. 12
- D. 14

BBPS PITAMPURA



Q1. C. Processed foods are high glycemic foods

Q2. OPTION B

Q3

Formula to calculate the total number of cans: $n(n+1)/2$

Hence, $20(20+1)/2 = 210$ **Option (b)**

Number of cans in the bottom row = n

$$820 = \frac{n(n+1)}{2}$$

$$\frac{n(n+1)}{2} = 820 \text{ gives } n^2 + n - 1640 = 0 \Rightarrow n = 40 \text{ or } -41;$$

$n = -41$ is rejected as n is a natural number. $n = 40$

Alka will not be able to organize 200 cans in a triangular pile

Let the total number of cans be S

$a = 1$ and $d = -1$

No. of rows be n

$$S = \frac{n}{2} (2 + n - 1)$$

$$200 = \frac{n}{2} (n + 1)$$

$$400 = n^2 + n$$

$$n^2 + n - 400 = 0$$

the value of n is an irrational number

Hence he cannot make an arrangement using 200 cans

Q4

(a) 4

(b) 3



Q5

क	श	त्रु	घ्न	उ	क	क	क	सु	क
क	क	क	क	मि	क	वि	क	मि	क
क	क	मे	क	ला	क	भी	क	त्रा	क
क	क	घ	क	क	क	ष	कै	के	यी
क	क	ना	क	रा	व	ण	ह	सी	ता
अं	ग	द	क	म	क	क	नु	क	क
क	क	श	ब	री	क	क	मा	री	च
क	भ	र	त	ज	टा	यु	न	क	म
क	क	थ	क	न	क	क	क	क	तं
क	ल	क्ष्म	ण	क	क	कौ	श	ल्या	ग