

Pattern Problems :

	0	1	2	3	4	5	6
0	*	*	*	*			
1	*		*		*		
2	*				*		
3		*		*			
4			*	*			
5				*	*		

P3: $r - c == 2$

2	-	0
3	-	1
4	-	2
5	-	3

Dynamic Pattern:

	1	2	3	4	5	6	7	8	9	10	11	12	13
1			*			*							
2	*			*		*		*		*		*	
3		*			*				*				*

row → constant ③
 col → variable → 9, 13, 17, 21, 25 and so on

2 min

Rule ②
 Don't just follow logic
 maths

R1 → 3, 7, 11

= $c \% 4 == 3$

very less time

R2 → even nos

= $c \% 2 == 0$

R3 → 1, 5, 9, 13 =

$c \% 4 == 1$

$$\left[\begin{array}{l} [(r+c) \% 4 == 0] \\ r == 2 \text{ } \& \& c \% 4 == 0 \end{array} \right]$$

(Static Patterns)

P1: $r == 0$

C $\underline{1, 2, 4, 5}$

$c \% 3 != 0$

P2: $r == 1$

$c \% 3 == 0$

TCS
 NQT
 Ninja
 Digital
 Code Vita

T P(LPA)
 Sm 3.5 to 7

Accenture
 Infosys
 Capgemini

4m 4.5 to 6

4m 4 to 5

4m 4 to 6

X Oracle

3m 8 to 12

P4: $r + c == 8$ ① Break into similar parts

$2 + 6$

$3 + 5$

$4 + 4$

* , . , #

" "

$5 + 3$

$6 + 2$

$7 + 1$

$8 + 0$

$9 + (-1)$

$10 + (-2)$

$11 + (-3)$

$12 + (-4)$

$13 + (-5)$

ZigZag Pattern

row → constant ③
 col → variable

→ 9, 13, 17, 21, 25 and so on

→ 2 min

follow logic

maths

R1 → 3, 7, 11

= $c \% 4 == 3$

very less time

R2 → even nos

= $c \% 2 == 0$

R3 → 1, 5, 9, 13 =

$c \% 4 == 1$