



*Mahendra's*



**SSC CGL/CPO/CHSL**

**REASONING**

**INSERTING MISSING  
CHARACTER**

**PART-2**



**LIVE**

**07:30 PM**

# Q14. FIND THE MISSING TERM ?

$$35 + \frac{32}{2} = 51$$

- A) 40
- B) 41
- C) 42
- D) 43

35	32	51
28	18	37
?	14	47

$$35 + 32$$
$$\begin{array}{r} 67 \end{array}$$

$$\begin{array}{r} 51 \\ - 35 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 51 \\ - 32 \\ \hline 19 \end{array}$$

Left to Right

$$\frac{28 + 9}{2} = 37$$

$$\frac{14}{2} = 7 + 40$$

# Q15.FIND THE MISSING TERM ?

- A) 52 ✓
- B) 54 ✓
- C) 55 ✓
- D) 56 ✓

8	10	7
6	15	5
7	3	21
?	153	56

$$\begin{array}{r} 10 \\ \times 15 \\ \hline 150 \\ + 3 \\ \hline 153 \end{array}$$

$$\begin{array}{r} 48 \\ + 7 \\ \hline 55 \\ \hline \end{array}$$

# Q16. FIND THE MISSING TERM ?

- A) 6161
- B) 5878
- C) 5959
- D) 5181

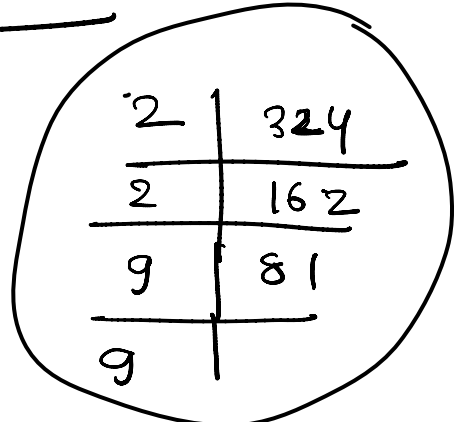
$$\begin{array}{r}
 49 \\
 \times 11 \\
 \hline
 49 \\
 490 \\
 \hline
 539
 \end{array}$$

$$6^2 \times 3^2 = 324$$

6	3	324
7	4	784
11	7	?

$$\begin{array}{r}
 539 \\
 \times 11 \\
 \hline
 539 \\
 5390 \\
 \hline
 5929
 \end{array}$$

prime factor



$$\begin{array}{r}
 11 \times 11 \times 49 \\
 \hline
 11 \times 539 \\
 \hline
 5929
 \end{array}$$

$$9 \times 9 \times 2 \times 2 = 3 \times 3 \times 3 \times 3 \times 2 \times 2 = 6 \times 6 \times 3 \times 3$$

# Q17. FIND THE MISSING TERM ?

- A) 9
- B) 5
- C) 21
- D) 10

Handwritten annotations and calculations:

- $5 \times 2$  (circled)
- $13 \times 3 = 39$  (circled)
- $+ 10$  (circled)
- $49$  (circled)
- $x_2$  (under 13)
- $x_3$  (under 11)
- $2 \cdot 6 + 33 = 59$  (circled)
- $59$  (circled)

?	13	49
9	17	69
13	11	59

# Q18.FIND THE MISSING TERM ?

- A) 16 ✓
- B) 13
- C) 15
- D) 9

11	6 <del>18</del>	8
17	12 -6	? 16
25	34 <del>28</del>	19
19	28 -6	11 -8

Handwritten annotations: A circled '-6' with an arrow pointing to the transition from 11 to 17. Another circled '-6' with an arrow pointing to the transition from 25 to 19. A circled '16' with a question mark next to it in the second row, third column. A circled '28' with a question mark next to it in the fourth row, second column. A circled '8' with a question mark next to it in the fourth row, third column. A circled '34' with a question mark next to it in the third row, second column.

# Q19.FIND THE MISSING TERM ?

- A) 68
- B) 72
- C) 64 ✓
- D) 76

$2^2$	- 1 =	3
$4^2$	- 6 =	10
$9^2$	- 17	?

Handwritten notes in a circle:

$$2+1 = 3$$
$$4+6 = 10$$
$$9+17 = 26$$

2  
2

$$\begin{array}{r} 9^2 = 81 \\ - 17 \\ \hline 64 \end{array}$$

# Q20. FIND THE MISSING TERM ?

CGL → 3 ben

3 divisible

- A) 45 ✓
- B) 54
- C) 63
- D) 36

7	18	27
4	27	21
11	36	?

$$7 \times 3 + \frac{18}{3} =$$

↓

$$\underline{21} + \underline{6} = \underline{27}$$

$$4 \times 3 + \frac{27}{3} =$$
$$\underline{12} + \underline{9} = \underline{21}$$

$$\frac{11 \times 3}{\underline{33}} + \frac{\underline{36}}{\underline{3}} =$$

$$\frac{33 + 12}{\underline{45}}$$



# Q21. FIND THE MISSING TERM ?

- A) 4
- B) 5
- C) 3
- D) 9

$$\begin{array}{l} 9 \times 8 \\ \hline 5 \\ \hline \end{array} =$$
$$\begin{array}{l} 17 \times 4 \\ \hline 4 \\ \hline \end{array} =$$
$$\begin{array}{l} 16 \times x \\ \hline 8 \times 4 \\ \hline \end{array} = \frac{8}{8}$$

$x = 4$

9	17	16
5	4	8
5	4	x
9	17	8

# Q22.FIND THE MISSING TERM ?

- A) 12
- B) 10
- C) 11
- D) 9

$$\frac{4}{2}$$

21

5

$\frac{4}{2}$	$9 \times 2$	20
$\frac{10}{2}$	$8 \times 2$ <del>16</del>	21
$\frac{6}{2}$	$4 \times 2$	?

3                      8                      = 11

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# Q23.FIND THE MISSING TERM ?

- A) 22
- B) 56
- C) 10
- D) 32

$$1+3 = 4 \quad 5+6 = 11 \quad 15$$

$$13 \quad 56$$
$$1+3 + 5+6 = 15$$

$$4 + 5 + 3+4 = 16$$

$$\begin{array}{r} 2+3 \\ \hline \end{array} + \begin{array}{r} 4+1 \\ \hline \end{array} = 10$$

13	56	15
45	34	16
23	41	?

# Q24. FIND THE MISSING TERM ?

- A) 24 ✓
- B) 72
- C) 64
- D) 42

5	7	8
52	94	46
10	36	?

$$7 = 49 = 94$$
$$9 \times 4 = 36$$

$$8 = 64 = 24$$

$$5^2 = 25 = 52 = 10$$