

ROJGAR WITH ANKIT

Number Series

PART → 4

- (1). $66, 56, 48, \overset{42}{?}, 38, 36$
 $\underbrace{66 \rightarrow 56}_{10} \quad \underbrace{56 \rightarrow 48}_{8} \quad \underbrace{48 \rightarrow ?}_{6} \quad \underbrace{? \rightarrow 38}_{4} \quad \underbrace{38 \rightarrow 36}_{2}$
- (2). $1438, 1429, 1417, 1402, ? 1384$
 $\underbrace{1438 \rightarrow 1429}_{9} \quad \underbrace{1429 \rightarrow 1417}_{12} \quad \underbrace{1417 \rightarrow 1402}_{15} \quad \underbrace{1402 \rightarrow ?}_{18}$
- (3). $416, 412, \underline{404}, 392, 376, 356.$
 $\underbrace{416 \rightarrow 412}_{4} \quad \underbrace{412 \rightarrow \underline{404}}_{8} \quad \underbrace{\underline{404} \rightarrow 392}_{12} \quad \underbrace{392 \rightarrow 376}_{16} \quad \underbrace{376 \rightarrow 356}_{20}$
- (4). $89, 88, 84, - \underline{75} - 59, 34$
 $\underbrace{89 \rightarrow 88}_{1} \quad \underbrace{88 \rightarrow 84}_{4} \quad \underbrace{84 \rightarrow \underline{75}}_{9} \quad \underbrace{\underline{75} \rightarrow 59}_{16} \quad \underbrace{59 \rightarrow 34}_{25}$
- (5). $3, 15, 60, \underline{180}, 360, 360.$
 $\underbrace{3 \times 5}_{\times 5} \quad \underbrace{15 \times 4}_{\times 4} \quad \underbrace{60 \times 3}_{\times 3} \quad \underbrace{\underline{180} \times 2}_{\times 2} \quad \underbrace{360 \times 1}_{\times 1}$
- (6). $1, 1, 2, 6, 24, \overset{120}{?}, 720$
 $\underbrace{1 \times 1}_{\times 1} \quad \underbrace{1 \times 2}_{\times 2} \quad \underbrace{2 \times 3}_{\times 3} \quad \underbrace{6 \times 4}_{\times 4} \quad \underbrace{24 \times 5}_{\times 5} \quad \underbrace{? \times 6}_{\times 6}$
- (7). $3, 6, 18, 72, 360, \underline{2160}$
 $\underbrace{3 \times 2}_{\times 2} \quad \underbrace{6 \times 3}_{\times 3} \quad \underbrace{18 \times 4}_{\times 4} \quad \underbrace{72 \times 5}_{\times 5} \quad \underbrace{360 \times 6}_{\times 6}$
- (8). $5760, 960, \overset{192}{?}, 48, 16, 8$
 $\underbrace{5760 \div 6}_{\div 6} \quad \underbrace{960 \div 5}_{\div 5} \quad \underbrace{? \div 4}_{\div 4} \quad \underbrace{48 \div 3}_{\div 3} \quad \underbrace{16 \div 2}_{\div 2}$
- (9). $128, 64, 32, 16, - 8 -$
- (10). $9, 27, 31, 155, 161, 1127, ? 1135$
 $\underbrace{9 \times 3}_{\times 3} \quad \underbrace{27 + 4}_{+4} \quad \underbrace{31 \times 5}_{\times 5} \quad \underbrace{155 + 6}_{+6} \quad \underbrace{161 \times 7}_{\times 7} \quad \underbrace{1127 + 8}_{+8}$
- (11). $42, 45, 15, 18, 6, 9, 3, - 6$
 $\underbrace{42 + 3}_{+3} \quad \underbrace{45 \div 3}_{\div 3} \quad \underbrace{15 + 3}_{+3} \quad \underbrace{18 \div 3}_{\div 3} \quad \underbrace{6 + 3}_{+3} \quad \underbrace{9 \div 3}_{\div 3} \quad \underbrace{3 + 3}_{+3}$
- (12). $3, 28, 4, 65, 5, 126, 6, ? 217$
 $\underbrace{3 \rightarrow 28}_{(3)^3+1} \quad \underbrace{4 \rightarrow 65}_{(4)^3+1} \quad \underbrace{5 \rightarrow 126}_{(5)^3+1} \quad \underbrace{6 \rightarrow ?}_{(6)^3+1}$

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(13). 0, 6, 24, 60, 120, ? 210

$(1)^3 - 1$

$(2)^3 - 2$

$(3)^3 - 3$

$(4)^3 - 4$

$(5)^3 - 5$

$(6)^3 - 6 = 216 - 6 = 210$

(14). 8, 10, 101, ? 10202

$(8)^2 + 1$ $(10^2) + 1$ $(101)^2 + 1$

(15). 0, 7, 26, 63, 124, 215

$(1)^3 - 1$

$(2)^3 - 1$

$(3)^3 - 1$

$(4)^3 - 1$

(16). 8, 10, 31, 80, 171, ? 318

7 21 49 91 147
14 28 42 56

(17). 13, 16, 25, 40, ? 61, 88
3 9 15 21 27

(18). 10, 18, 51, 200, ? 995
 $\times 2 - 2$ $\times 3 - 3$ $\times 4 - 4$ $\times 5 - 5$

(19). 2, 2.4, 3.3, 4.9, 7.4, ? 11
0.4 0.9 1.6 2.5 3.6

(20). 58, 61, 54, 67, 46, ? 77
3 7 13 21 31
4 6 8 10

(21). 130, 115, 135, 110, ? 140
-15 +20 -25 +30