# ROJGAR WITH ANKIT

## Number Series

### PART→4

(1). 66, 56, 48, 42, 38, 36
10 8 6 4 2

(2). 1438, 1429, 1417, 1402, ? 1384
9 12 15 18

(3). 416, 412, 404, 392, 376, 356.
4 8 12 16 20

(4). 89, 88, 84, 75, 59, 34
1 4 9 16 25

(5). 3, 15, 60, 180, 360, 360.
×5 ×4 ×3 ×2 ×1

(6). 1, 1, 2, 6, 24, 120, 720
×1 ×2 ×3 ×4 ×5 ×6

(7). 3, 6, 18, 72, 360, 2160
×2 ×3 ×4 ×5 ×6

(8). 5760, 960, 192, 48, 16, 8
×6 ×5 ×4 ×3 ×2

(9). 128, 64, 32, 16, 8
÷2 ÷2 ÷2 ÷2

(10). 9, 27, 31, 155, 161, 1127, ? 1135
×3 +4 ×5 +6 ×7 +8

(11). 42, 45, 15, 18, 6, 9, 3, 6
+3 ÷3 +3 ÷3 +3 ÷3 +3

(12). 3, 28, 4, 65, 5, 126, 6, ? 217
$(3)^3+1$ $(4)^3+1$ $(5)^3+1$ $(6)^3+1$

(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). 3, 10, 101, ? 10202

$(3)^2+1$ $(10^2)+1$ $(101)^2+1$

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

$(1)^3-1$
$(2)^3-1$
$(3)^3-1$
$(4)^3-1$

(16). 3, 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

×2−2 ×3−3 ×4−4 ×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