



Date : 10th Dec 2023

Quantitative Aptitude – Wrong Number Series

English

**Q:1** Find the wrong term in the series given below:

946, 1009, 1074, 1171, 1210, 1281

1. 1009
2. 946
3. 1074
4. 1171
5. 1281

**Q:2** Find the wrong term in the following series.

207, 216, 228, 255, 285, 325

1. 222
2. 325
3. 255
4. 213
5. 228

**Q:3** Find the wrong term in the series given below:

87, 89, 96, 124, 187, 311

1. 87
2. 187
3. 311
4. 89
5. 124

**Q:4** Find the wrong term in the series given below:

3000, 2400, 1440, 1008, 504, 201.6

1. 3000
2. 2400
3. 504
4. 1440
5. 1008

**Q:5** Find the wrong term in the series given below:

35, 46, 59, 74, 93, 110

1. 110
2. 46
3. 74
4. 93
5. 35

**Q:6** Find the wrong term in the following series.

12, 13, 30, 99, 416, 2085

1. 13
2. 30
3. 2085

4. 99

5. 416

**Q:7** Find the wrong term in the following series.

1326, 1215, 1437, 1770, 1548, 993, 1659

1. 993
2. 1548
3. 1437
4. 1770
5. 1659

**Q:8** Find the wrong term in the following series.

336, 505, 722, 990, 1324, 1721

1. 505
2. 722
3. 990
4. 1721
5. 1324

**Q:9** Find the wrong term in the following series.

38, 51, 90, 140, 229, 369

1. 229
2. 369
3. 90
4. 140
5. 38

**Q:10** Find the wrong term in the following series.

9, 11, 37, 190, 1345, 12115

1. 11
2. 37
3. 1345
4. 190
5. 12115



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## Answer Key

1. (4)	2. (2)	3. (3)	4. (4)	5. (4)
6. (5)	7. (4)	8. (3)	9. (3)	10. (4)

## Answers and Solutions

**Q:1** The correct answer is **option 4** i.e. 1171

$$\Rightarrow 946 + 63 = 1009$$

$$\Rightarrow 1009 + 65 = 1074$$

$$\Rightarrow 1074 + 67 = 1141 \text{ (Not 1171)}$$

$$\Rightarrow 1141 + 69 = 1210$$

$$\Rightarrow 1210 + 71 = 1281$$

$\therefore$  Here it is evident that 1171 is the wrong term and must be replaced with 1141.

**Q:2** The correct answer is **option 2** i.e. 325.

The Series follows the following pattern.

$$207 + 9 (1 + 3 + 5) = 216,$$

$$216 + 12 (2 + 4 + 6) = 228,$$

$$228 + 27 (7 + 9 + 11) = 255,$$

$$255 + 30 (8 + 10 + 12) = 285,$$

$$285 + 45 (13 + 15 + 17) = 330 \text{ (not 325)}$$

$\therefore$  Here it is evident that 325 is the wrong term and must be replaced with 330.

**Q:3** The correct answer is **option 3** i.e. 311

$$\Rightarrow 87 + (1^3 + 1) = 89,$$

$$\Rightarrow 89 + (2^3 - 1) = 96,$$

$$\Rightarrow 96 + (3^3 + 1) = 124,$$

$$\Rightarrow 124 + (4^3 - 1) = 187,$$

$$\Rightarrow 187 + (5^3 + 1) = 313 \text{ (not 311)}$$

$\therefore$  Here it is evident that 311 is the wrong term and must be replaced with 313.

**Q:4** The correct answer is **option 4** i.e. 1440

$$\Rightarrow 3000 \times 0.8 = 2400,$$

$$\Rightarrow 2400 \times 0.7 = 1680 \text{ (not 1440)}$$

$$\Rightarrow 1680 \times 0.6 = 1008,$$

$$\Rightarrow 1008 \times 0.5 = 504,$$

$$\Rightarrow 504 \times 0.4 = 201.6$$

$\therefore$  Here it is evident that 1440 is the wrong term and must be replaced with 1680.

**Q:5** The correct answer is **option 4** i.e. 93

$$\Rightarrow 35 + 11 = 45$$

$$\Rightarrow 46 + 13 = 59$$

$$\Rightarrow 59 + 15 = 74$$

$$\Rightarrow 74 + 17 = 91 \text{ (Not 93)}$$

$$\Rightarrow 91 + 19 = 110$$

$\therefore$  Here it is evident that 93 is the wrong term and must be replaced with 91.

**Q:6** The correct answer is **option 5** i.e. 416.

$$(12 + 1) \times 1 = 13,$$

$$(13 + 2) \times 2 = 30,$$

$$(30 + 3) \times 3 = 99,$$

$$(99 + 4) \times 4 = 412 \text{ (Not 416)}$$

$$(412 + 5) \times 5 = 2085$$

$\therefore$  Here it is evident that 416 is the wrong term and must be replaced with 412.

**Q:7** The correct answer is **option 4** i.e. 1770

$$1326 - 111 = 1215,$$

$$1215 + 222 = 1437,$$

$$1437 - 333 = 1104 \text{ (Not 1770)}$$

$$1104 + 444 = 1548,$$

$$1548 - 555 = 993,$$

$$993 + 666 = 1659$$

$\therefore$  Here it is evident that 1770 is the wrong term and must be replaced with 1104.

**Q:8** The correct answer is **option 3** i.e. 990

$$7^3 - 7 = 336$$

$$8^3 - 7 = 505$$

$$9^3 - 7 = 722$$

$$10^3 - 7 = 993 \text{ (Not 990)}$$

$$11^3 - 7 = 1324$$

$$12^3 - 7 = 1721$$

$\therefore$  Here it is evident that 990 is the wrong term and must be replaced with 993.

**Q:9** The correct answer is **option 3** i.e. 90

Logic:

$$1\text{st term} + 2\text{nd term} = 3\text{rd term}$$

$$2\text{nd term} + 3\text{rd term} = 4\text{th term}$$

And so on....

Observing the pattern of this series;

$$38 + 51 = 89 \text{ (Not 90)}$$

$$51 + 89 = 140$$

$$89 + 140 = 229$$

$$140 + 229 = 369$$



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∴ Here it is evident that **90** is the wrong term and must be replaced with 89.

**Q:10** The correct answer is **option 4** i.e. **190**.

$$9 \times 1 + 2 = 11,$$

$$11 \times 3 + 4 = 37,$$

$$37 \times 5 + 6 = \mathbf{191 \text{ (Not 190)}}$$

$$191 \times 7 + 8 = 2395,$$

$$2395 \times 9 + 10 = 12115$$

∴ Here it is evident that **190** is the wrong term and must be replaced with 191.

