50 Questions

Que. 1 What should come in place of the question mark '?' in the following number series?

70, 70, 140, (?), 280, 280

1. 140
2. 160
3. 180
4. 170
5. 200

Correct Option - **1**
Given Series:
70, 70, 140, (?), 280, 280
The logic followed here is as follows:
$\Rightarrow$ 70 x 1 = 70
$\Rightarrow$ 70 x 2 = 140
$\Rightarrow$ 140 x 1 = **140**
$\Rightarrow$ 140 x 2 = 280
$\Rightarrow$ 280 x 1 = 280
Hence, 140 will come in the place of (?).

Que. 2 What should come in place of the question mark '?' in the following number series?

2, 12, 130, 56, (?), 132

1. 744
2. 740
3. 735
4. 738
5. 742

Correct Option - **4**
Given Series:
2, 12, 130, 56, (?), 132
The logic followed here is as follows:
$\Rightarrow 1 + 1^3 = 2$
$\Rightarrow 3 + 3^2 = 12$
$\Rightarrow 5 + 5^3 = 130$
$\Rightarrow 7 + 7^2 = 56$
$\Rightarrow 9 + 9^3 = \mathbf{738}$
$\Rightarrow 11 + 11^2 = 132$

Hence, 738 will come in the place of (?).

Que. 3 What should come in place of the question mark '?' in the following number series?

143, 132, 91, 70, 45, (?)

1. 32
2. 30
3. 33
4. 36
5. 38

Correct Option - **1**
Given Series:

143, 132, 91, 70, 45, (?)

The logic followed here is as follows:

⇒ 13 x 11 = 143

⇒ 11 x 12 = 132

⇒ 7 x 13 = 91

⇒ 5 x 14 = 70

⇒ 3 x 15 = 45

⇒ 2 x 16 = **32**

Hence, 32 will come in the place of (?).

Que. 4 What should come in place of the question mark '?' in the following number series?

111, 100, 110, 101, 109, (?)

1. 102
2. 100
3. 101
4. 105
5. 99

Correct Option - **1**
Given Series:

111, 100, 110, 101, 109, (?)

The logic followed here is as follows:

⇒ 111 - 11 = 100

⇒ 100 + 10 = 110

⇒ 110 - 9 = 101

⇒ 101 + 8 = 109

⇒ 109 - 7 = **102**

Hence, 102 will come in the place of (?).

Que. 5 What should come in place of the question mark '?' in the following number series?

2209, 209, 3389, 271, 4929, (?)

1. 240
2. 350
3. 225
4. 341
5. 241

Correct Option - **4**
Given Series:

2209, 209, 3389, 271, 4929, (?)

The logic followed here is as follows:

$\Rightarrow 12 + (13)^3 = 2209$

$\Rightarrow 13 + (14)^2 = 209$

$\Rightarrow 14 + (15)^3 = 3389$

$\Rightarrow 15 + (16)^2 = 271$

$\Rightarrow 16 + (17)^3 = 4929$

$\Rightarrow 17 + (18)^2 = \mathbf{341}$

Hence, 341 will come in the place of (?).

Que. 6 Find the wrong term in the following series.

121, 100, 77, 52, 25, 4

1. 121
2. 100
3. 25
4. 52
5. 4

Correct Option - **5**
Given series:

121, 100, 77, 52, 25, 4

Calculation :

The series follows the following pattern:

$\Rightarrow 121 - 21 = 100$

$\Rightarrow 100 - 23 = 77$

$\Rightarrow 77 - 25 = 52$

$\Rightarrow 52 - 27 = 25$

$\Rightarrow 25 - 29 = \mathbf{-4}$

The wrong term is 4

Hence the wrong term in the series is **4.**

Que. 7 Find the wrong term in the following series.

111, 222, 444, 888, 1776, 3550

1. 111
2. 222
3. 1776
4. 444
5. 3550

Correct Option - **5**
Given series:

111, 222, 444, 888, 1776, 3550

Calculation :

The series follows the following pattern:

⇒ 111 + 111 = 222

⇒ 222 + 222 = 444

⇒ 444 + 444 = 888

⇒ 888 + 888 = 1776

⇒ 1776 + 1776 = **3552**

The wrong term is 3550

Hence the wrong term in the series is **3550.**

Que. 8 Find the wrong term in the following series.

312, 156, 234, 585, 2049.5, 9213.75

1. 585
2. 2049.5
3. 234
4. 312
5. 156

Correct Option - **2**
Given series:

312, 156, 234, 585, 2049.5, 9213.75

Calculation :

The series follows the following pattern:

⇒ 312 x 0.5 = 156

⇒ 156 x 1.5 = 234

⇒ 234 x 2.5 = 585

⇒ 585 x 3.5 = **2047.5**

⇒ 2047.5 x 4.5 = 9213.75

The wrong term is 2049.5

Hence the wrong term in the series is **2049.5.**

Que. 9 Find the wrong term in the following series.

529, 841, 961, 1089, 1681, 1849

1. 529
2. 841
3. 961
4. 1089
5. 1681

Correct Option - **4**
Given series:

529, 841, 961, 1089, 1681, 1849

Calculation :

The series follows the following pattern:

$\Rightarrow (23)^2 = 529$

$\Rightarrow (29)^2 = 841$

$\Rightarrow (31)^2 = 961$

$\Rightarrow (37)^2 = \textbf{1369}$

$\Rightarrow (41)^2 = 1681$

$\Rightarrow (43)^2 = 1849$

The wrong term is 1089

Hence the wrong term in the series is **1089.**

Que. 10 Find the wrong term in the following series.

248, 260, 272, 287, 304, 323

1. 248
2. 260
3. 272
4. 323
5. 287

Correct Option - **2**
Given series:

248, 260, 272, 287, 304, 323

Calculation :

The series follows the following pattern:

$\Rightarrow 212 + (6)^2 = 248$

$\Rightarrow 210 + (7)^2 = \textbf{259}$

$\Rightarrow 208 + (8)^2 = 272$

$\Rightarrow 206 + (9)^2 = 287$

$\Rightarrow 204 + (10)^2 = 304$

$\Rightarrow 202 + (11)^2 = 323$

The wrong term is 260

Hence the wrong term in the series is **260.**

Que. 11	Find the wrong term in the following series.
	20, 28, 38, 50, 64, 81

1. 20
2. 28
3. 64
4. 81
5. 50

Correct Option - **4**
Given series:

20, 28, 38, 50, 64, 81

Calculation :

The series follows the following pattern:

$\Rightarrow 11 + (3)^2 = 20$

$\Rightarrow 12 + (4)^2 = 28$

$\Rightarrow 13 + (5)^2 = 38$

$\Rightarrow 14 + (6)^2 = 50$

$\Rightarrow 15 + (7)^2 = 64$

$\Rightarrow 16 + (8)^2 = \mathbf{80}$

The wrong term is 81

Hence the wrong term in the series is **81.**

Que. 12	Find the wrong term in the following series.
	202, 210, 226, 258, 322, 440

1. 226
2. 258
3. 440
4. 322
5. 210

Correct Option - **3**
Given series:

202, 210, 226, 258, 322, 440

Calculation :

The series follows the following pattern:

$\Rightarrow$ 202 + 8 = 210

$\Rightarrow$ 210 + 16 = 226

$\Rightarrow$ 226 + 32 = 258

$\Rightarrow$ 258 + 64 = 322

$\Rightarrow$ 322 + 128 = **450**

The wrong term is 440

Hence the wrong term in the series is **440.**

Que. 13 What should come in place of the question mark '?' in the following number series?

252, 222, 189, 153, (?), 72

1. 116
2. 110
3. 108
4. 114
5. 112

Correct Option - **4**
Given Series:

252, 222, 189, 153, (?), 72

The logic followed here is as follows:

$\Rightarrow$ 252 - 30 = 222

$\Rightarrow$ 222 - 33 = 189

$\Rightarrow$ 189 - 36 = 153

$\Rightarrow$ 153 - 39 = **114**

$\Rightarrow$ 114 - 42 = 72

Hence, 114 will come in the place of (?).

Que. 14 Find the wrong term in the following series.

100, 91, 81, 70, 60, 45

1. 91
2. 81
3. 60
4. 70
5. 45

Correct Option - **3**
Given series:

100, 91, 81, 70, 60, 45

Calculation :

The series follows the following pattern:

⇒ 100 - 9 = 91

⇒ 91 - 10 = 81

⇒ 81 - 11 = 70

⇒ 70 - 12 = **58**

⇒ 58 -13 = 45

The wrong term is 60

Hence the wrong term in the series is **60.**

Que. 15	Find the wrong term in the following series.
	98, 128, 162, 200, 242, 266

1. 98
2. 266
3. 162
4. 128
5. 200

Correct Option - **2**
Given series:

98, 128, 162, 200, 242, 266

Calculation :

The series follows the following pattern:

⇒ 49 + 49 = 98

⇒ 64 + 64 = 128

⇒ 81 + 81 = 162

⇒ 100 + 100 = 200

⇒ 121 + 121 = 242

⇒ 144 + 144 = **288**

The wrong term is 266

Hence the wrong term in the series is **266.**

Que. 16	Find the wrong term in the following series.
	42, 54, 66, 78, 90, 100

1. 100
2. 90
3. 78
4. 66
5. 42

Correct Option - **1**
Given series:

42, 54, 66, 78, 90, 100

Calculation :

The series follows the following pattern:

$\Rightarrow 7 \times 6 = 42$

$\Rightarrow 9 \times 6 = 54$

$\Rightarrow 11 \times 6 = 66$

$\Rightarrow 13 \times 6 = 78$

$\Rightarrow 15 \times 6 = 90$

$\Rightarrow 17 \times 6 = \mathbf{102}$

The wrong term is 100

Hence the wrong term in the series is **100.**

Que. 17 Find the wrong term in the following series.

87, 105, 125, 147, 169, 197

1. 169
2. 197
3. 105
4. 125
5. 147

Correct Option **- 1**

Given series:

87, 105, 125, 147, 169, 197

Calculation :

The series follows the following pattern:

$\Rightarrow (9)^2 + 6 = 87$

$\Rightarrow (10)^2 + 5 = 105$

$\Rightarrow (11)^2 + 4 = 125$

$\Rightarrow (12)^2 + 3 = 147$

$\Rightarrow (13)^2 + 2 = \mathbf{171}$

$\Rightarrow (14)^2 + 1 = 197$

The wrong term is 169

Hence the wrong term in the series is **169.**

Que. 18 Find the wrong term in the following series.

29, 60, 31, 54, 35, 51

1. 29
2. 60
3. 31
4. 51
5. 35

Correct Option - **4**
Given series:
29, 60, 31, 54, 35, 51
Calculation :
The series follows the following pattern:
⇒ 29 + 31 = 60
⇒ 60 - 29 = 31
⇒ 31 + 23 = 54
⇒ 54 - 19 = 35
⇒ 35 + 17 = **52**
The wrong term is 51
Hence the wrong term in the series is **51.**

Que. 19 What should come in place of the question mark '?' in the following number series?
13, 11, 20, 16,(?), 35

1. 39
2. 38
3. 41
4. 40
5. 35

Correct Option - **3**
Given Series:
13, 11, 20, 16,(?), 35
The logic followed here is as follows:
⇒ $13 - (2)^1 = 11$
⇒ $11 + (3)^2 = 20$
⇒ $20 - (4)^1 = 16$
⇒ $16 + (5)^2 = 41$
⇒ $41 - (6)^1 = 35$
Hence, 41 will come in the place of (?).

Que. 20 What should come in place of the question mark '?' in the following number series?
35, 35, 70, (?), 840, 4200

1. 211
2. 208
3. 210
4. 310
5. 215

Correct Option - **3**
Given Series:

35, 35, 70, (?), 840, 4200

The logic followed here is as follows:

$\Rightarrow 35 \times 1 = 35$

$\Rightarrow 35 \times 2 = 70$

$\Rightarrow 70 \times 3 = \mathbf{210}$

$\Rightarrow 210 \times 4 = 840$

$\Rightarrow 840 \times 5 = 4200$

Hence, 210 will come in the place of (?).

Que. 21 What should come in place of the question mark '?' in the following number series?

161, 209, 267, 331, (?), 487

1. 400
2. 403
3. 406
4. 395
5. 405

Correct Option - **5**
Given Series:

161, 209, 267, 331, (?), 487

The logic followed here is as follows:

$\Rightarrow (12)^2 + 17 = 161$

$\Rightarrow (14)^2 + 13 = 209$

$\Rightarrow (16)^2 + 11 = 267$

$\Rightarrow (18)^2 + 7 = 331$

$\Rightarrow (20)^2 + 5 = \mathbf{405}$

$\Rightarrow (22)^2 + 3 = 487$

Hence, 405 will come in the place of (?).

Que. 22 What should come in place of the question mark '?' in the following number series?

121, 142, 171, 208, (?), 306

1. 250
2. 243
3. 253
4. 260
5. 269

Correct Option - **3**
Given Series:

121, 142, 171, 208, (?), 306

The logic followed here is as follows:

⇒ 121 + 21 = 142

⇒ 142 + 29 = 171

⇒ 171 + 37 = 208

⇒ 208 + 45 = **253**

⇒ 253 + 53 = 306

Hence, 253 will come in the place of (?).

Que. 23 | Find the wrong term in the following series.

99, 298, 597, 996, 1495, 2049

1. 99
2. 298
3. 996
4. 2049
5. 1495

Correct Option - **4**

Given series:

99, 298, 597, 996, 1495, 2049

Calculation :

The series follows the following pattern:

⇒ 99 + 199 = 298

⇒ 298 + 299 = 597

⇒ 597 + 399 = 996

⇒ 996 + 499 = 1495

⇒ 1495 + 599 = **2094**

The wrong term is 2049

Hence the wrong term in the series is **2049.**

Que. 24 | Find the wrong term in the following series.

130, 154, 178, 204, 232, 262

1. 130
2. 154
3. 178
4. 204
5. 232

Correct Option - **1**

Given series:

130, 154, 178, 204, 232, 262

Calculation :

The series follows the following pattern:

$\Rightarrow 11 + 11^2 = \mathbf{132}$

$\Rightarrow 10 + 12^2 = 154$

$\Rightarrow 9 + 13^2 = 178$

$\Rightarrow 8 + 14^2 = 204$

$\Rightarrow 7 + 15^2 = 232$

$\Rightarrow 6 + 16^2 = 262$

The wrong term is 130

Hence the wrong term in the series is **130.**

Que. 25 | Find the wrong term in the following series.

994, 929, 866, 805, 746, 690

1. 805
2. 690
3. 994
4. 929
5. 866

Correct Option - **2**

Given series:

994, 929, 866, 805, 746, 690

Calculation :

The series follows the following pattern:

$\Rightarrow (32)^2 - 30 = 994$

$\Rightarrow (31)^2 - 32 = 929$

$\Rightarrow (30)^2 - 34 = 866$

$\Rightarrow (29)^2 - 36 = 805$

$\Rightarrow (28)^2 - 38 = 746$

$\Rightarrow (27)^2 - 40 = \mathbf{689}$

The wrong term is 690

Hence the wrong term in the series is **690.**

Que. 26 | Find the wrong term in the following series.

60, 78, 90, 112, 128, 146

1. 60
2. 78
3. 112
4. 146

5. 128

Correct Option - **4**
Given series:
60, 78, 90, 112, 128, 146
Calculation :
Logic:
The sum of two consecutive prime numbers starting from 29.
29 + 31 = 60 = the first number
after 31, the next prime number is 37.
so
37 + 41 = 78 is the second number.
So the series follows the following pattern:
⇒ 29 + 31 = 60
⇒ 37 + 41 = 78
⇒ 43 + 47 = 90
⇒ 53 + 59 = 112
⇒ 61 + 67 = 128
⇒ 71 + 73 = **144**

The wrong term is 146
Hence the wrong term in the series is **146.**

We have to choose logic according to the options. There are many possible answers according to different logics but we have to choose logic according to the options.

90 is not present in the options. So it is not the wrong term.

Que. 27 | Find the wrong term in the following series.
16, 67, 244, 663, 1000,787

1. 1000
2. 787
3. 663
4. 244
5. 67

Correct Option - **1**
Given series:
16, 67, 244, 663, 1000,787
Calculation :
The series follows the following pattern:
⇒ $8 + 8^1 = 16$
⇒ $18 + 7^2 = 67$
⇒ $28 + 6^3 = 244$

$\Rightarrow 38 + 5^4 = 663$

$\Rightarrow 48 + 4^5 = \mathbf{1072}$

$\Rightarrow 58 + 3^6 = 787$

The wrong term is 1000

Hence the wrong term in the series is **1000.**

Que. 28 What should come in place of the question mark '?' in the following number series?

(?), 91, 364, 1456, 5824, 23296

1. 22.75
2. 22
3. 28
4. 32.75
5. 31

Correct Option - **1**
Given Series:

(?), 91, 364, 1456, 5824, 23296

The logic followed here is as follows:

$\Rightarrow 6.5 \times 3.5 = \mathbf{22.75}$

$\Rightarrow 13 \times 7 = 91$

$\Rightarrow 26 \times 14 = 364$

$\Rightarrow 52 \times 28 = 1456$

$\Rightarrow 104 \times 56 = 5824$

$\Rightarrow 208 \times 112 = 23296$

Hence, 22.75 will come in the place of (?).

Que. 29 What should come in place of the question mark '?' in the following number series?

82, (?), 121, 242, 484, 968

1. 111
2. 121
3. 90
4. 110
5. 100

Correct Option - **4**
Given Series:

82, (?), 121, 242, 484, 968

The logic followed here is as follows:

$\Rightarrow 82 + 28 = \mathbf{110}$

$\Rightarrow 110 + 011 = 121$

$\Rightarrow 121 + 121 = 242$

⇒ 242 + 242 = 484

⇒ 484 + 484 = 968

Hence, 110 will come in the place of (?).

Que. 30	What should come in place of the question mark '?' in the following number series?
	108, 42, 176, 54, 260, (?)

1. 72
2. 56
3. 44
4. 66
5. 70

Correct Option - **4**
Given Series:

108, 42, 176, 54, 260, (?)

The logic followed here is as follows:

⇒ 12 x 6 + $(6)^2$ = 108

⇒ 13 x 7 - $(7)^2$ = 42

⇒ 14 x 8 + $(8)^2$ = 176

⇒ 15 x 9 - $(9)^2$ = 54

⇒ 16 x 10 + $(10)^2$ = 260

⇒ 17 x 11 - $(11)^2$ = **66**

Hence, 66 will come in the place of (?).

Que. 31	What should come in place of the question mark '?' in the following number series?
	111, 123, 137, (?), 171, 191

1. 150
2. 153
3. 149
4. 156
5. 143

Correct Option - **2**
Given Series:

111, 123, 137, (?), 171, 191

The logic followed here is as follows:

⇒ 111 + 12 = 123

⇒ 123 + 14 = 137

⇒ 137 + 16 = **153**

⇒ 153 + 18 = 171

$\Rightarrow 171 + 20 = 191$

Hence, 153 will come in the place of (?).

Que. 32 | What should come in place of the question mark '?' in the following number series?

552, 650, 756, (?), 992, 1122

1. 870
2. 888
3. 880
4. 780
5. 750

Correct Option - **1**
Given Series:

552, 650, 756, (?), 992, 1122

The logic followed here is as follows:

$\Rightarrow (24)^2 - 24 = 552$

$\Rightarrow (26)^2 - 26 = 650$

$\Rightarrow (28)^2 - 28 = 756$

$\Rightarrow (30)^2 - 30 = \mathbf{870}$

$\Rightarrow (32)^2 - 32 = 992$

$\Rightarrow (34)^2 - 34 = 1122$

Hence, 870 will come in the place of (?).

Que. 33 | Find the wrong term in the following series.

14, 24, 60, 210, 945, 5197.5

1. 14
2. 24
3. 60
4. 210
5. 945

Correct Option - **1**
Given series:

14, 24, 60, 210, 945, 5197.5

Calculation :

The series follows the following pattern:

$\Rightarrow \mathbf{16}$ x 1.5 = 24

$\Rightarrow 24$ x 2.5 = 60

$\Rightarrow 60$ x 3.5 = 210

$\Rightarrow 210$ x 4.5 = 945

⇒ 945 x 5.5 = 5197.5

The wrong term is 14

Hence the wrong term in the series is **14.**

Que. 34	Find the wrong term in the following series.
	1600, 1560, 1660, 1520, 1680, 1480

1. 1600
2. 1660
3. 1680
4. 1480
5. 1560

Correct Option - **2**

Given series:

1600, 1560, 1660, 1520, 1680, 1480

Calculation :

The series follows the following pattern:

⇒ 1600 - 40 = 1560

⇒ 1560 + 80 = **1640**

⇒ 1640 - 120 = 1520

⇒ 1520 + 160 = 1680

⇒ 1680 - 200 = 1480

The wrong term is 1660

Hence the wrong term in the series is **1660.**

Que. 35	Find the wrong term in the following series.
	30, 36, 42, 52, 60, 70

1. 30
2. 36
3. 70
4. 52
5. 60

Correct Option - **3**

Given series:

30, 36, 42, 52, 60, 70

Calculation :

The series follows the following pattern:

⇒ 13 + 17 = 30

⇒ 17 + 19 = 36

⇒ 19 + 23 = 42

⇒ 23 + 29 = 52

⇒ 29 + 31 = 60

⇒ 31 + 37 = **68**

The wrong term is 70

Hence the wrong term in the series is **70.**

Que. 36 Find the wrong term in the following series.

44, 60, 124, 380, 1404, 5550

1. 44
2. 5550
3. 380
4. 1404
5. 124

Correct Option - **2**

Given series:

44, 60, 124, 380, 1404, 5550

Calculation :

The series follows the following pattern:

⇒ $44 + (4)^2 = 60$

⇒ $60 + (8)^2 = 124$

⇒ $124 + (16)^2 = 380$

⇒ $380 + (32)^2 = 1404$

⇒ $1404 + (64)^2 =$ **5500**

The wrong term is 5550

Hence the wrong term in the series is **5550.**

Que. 37 Find the wrong term in the following series.

116, 216, 326, 456, 626, 886

1. 116
2. 216
3. 326
4. 456
5. 886

Correct Option - **5**

Given series:

116, 216, 326, 456, 626, 886

Calculation :

The series follows the following pattern:

⇒ 216 - 116 = 100

⇒ 326 - 216 = 110
⇒ 456 - 326 = 130
⇒ 626 - 456 = 170
⇒ 886 - 626 = 260
Let's look at their double difference:
⇒ 110 - 100 = 10
⇒ 130 - 110 = 20
⇒ 170 - 130 = 40
⇒ 260 - 170 = 90 (But it should be 80)
So, The wrong term is 886.
Hence the wrong term in the series is **886.**

Que. 38 What should come in place of the question mark '?' in the following number series?
24, 40, 15, 51, 2, (?)

1. 70
2. 72
3. 66
4. 64
5. 68

Correct Option - **3**
Given Series:
24, 40, 15, 51, 2, (?)
The logic followed here is as follows:
⇒ $24 + (4)^2 = 24 + 16 = 40$
⇒ $40 - (5)^2 = 40 - 25 = 15$
⇒ $15 + (6)^2 = 15 + 36 = 51$
⇒ $51 - (7)^2 = 51 - 49 = 2$
⇒ $2 + (8)^2 = 2 + 64 = \mathbf{66}$
Hence, 66 will come in the place of (?).

Que. 39 What should come in place of the question mark '?' in the following number series?
3, 14, 39, 84, 155, (?)

1. 249
2. 322
3. 331
4. 258
5. 250

Correct Option - **4**

Given Series:

3, 14, 39, 84, 155, (?)

The logic followed here is as follows:

$\Rightarrow 1 + (1)^2 + (1)^3 = 3$

$\Rightarrow 2 + (2)^2 + (2)^3 = 14$

$\Rightarrow 3 + (3)^2 + (3)^3 = 39$

$\Rightarrow 4 + (4)^2 + (4)^3 = 84$

$\Rightarrow 5 + (5)^2 + (5)^3 = 155$

$\Rightarrow 6 + (6)^2 + (6)^3 = \textbf{258}$

Hence, 258 will come in the place of (?).

Que. 40 What should come in place of the question mark '?' in the following number series?

50, 1333, 172, (?),366, 12173

1. 3465
2. 3456
3. 4917
4. 4999
5. 4900

Correct Option - **3**

Given Series:

50, 1333, 172, (?), 366, 12173

The logic followed here is as follows:

$\Rightarrow 1 + (7)^2 = 50$

$\Rightarrow 2 + (11)^3 = 1333$

$\Rightarrow 3 + (13)^2 = 172$

$\Rightarrow 4 + (17)^3 = \textbf{4917}$

$\Rightarrow 5 + (19)^2 = 366$

$\Rightarrow 6 + (23)^3 = 12173$

Hence, 4917 will come in the place of (?).

Que. 41 What should come in place of the question mark '?' in the following number series?

(?), 15, 30, 90, 360, 1800

1. 10
2. 11
3. 14
4. 16
5. 15

Correct Option - **5**

Given Series:

(?), 15, 30, 90, 360, 1800

The logic followed here is as follows:

⇒ 15 x 1 = 15

⇒ 15 x 2 = 30

⇒ 30 x 3 = 90

⇒ 90 x 4 = 360

⇒ 360 x 5 = 1800

Hence, 15 will come in the place of (?).

Que. 42 What should come in place of the question mark '?' in the following number series?

47, 62, 81, 100, (?), 150

1. 111
2. 123
3. 128
4. 125
5. 121

Correct Option - 2
Given Series:

47, 62, 81, 100, (?), 150

The logic followed here is as follows:

⇒ $(6)^2 + 11 = 47$

⇒ $(7)^2 + 13 = 62$

⇒ $(8)^2 + 17 = 81$

⇒ $(9)^2 + 19 = 100$

⇒ $(10)^2 + 23 = $ **123**

⇒ $(11)^2 + 29 = 150$

Hence, 123 will come in the place of (?).

Que. 43 What should come in place of the question mark '?' in the following number series?

3375, 289, 6859, 441, 12167, (?)

1. 1331
2. 625
3. 343
4. 729
5. 216

Correct Option - 2
Given Series:

3375, 289, 6859, 441, 12167, (?)

The logic followed here is as follows:

⇒ $(15)^3 = 3375$

⇒ $(17)^2 = 289$

⇒ $(19)^3 = 6859$

⇒ $(21)^2 = 441$

⇒ $(23)^3 = 12167$

⇒ $(25)^2 = \mathbf{625}$

Hence, 625 will come in the place of (?).

Que. 44	What should come in place of the question mark '?' in the following number series?

5600, 700, 2800, 1400, 1400, (?)

1. 2800
2. 750
3. 700
4. 1410
5. 1450

Correct Option - **1**
Given Series:

5600, 700, 2800, 1400, 1400, (?)

The logic followed here is as follows:

⇒ 5600 ÷ 8 = 700

⇒ 700 x 4 = 2800

⇒ 2800 ÷ 2 = 1400

⇒ 1400 x 1 = 1400

⇒ 1400 ÷ 0.5 = **2800**

Hence, 2800 will come in the place of (?).

📋 Alternate Method

5600, 700, 2800, 1400, 1400, (?)

Here, consider two series alternatively,

⇒ First series odd places i.e 5600, 2800, 1400

⇒ Second series even places i.e. 700, 1400,?

From the second series, we see it multiply by 2 at every step

⇒ 700 × 2 = 1400

⇒ 1400 × 2 = 2800

∴ **the correct answer is 2800.**

Que. 45	What should come in place of the question mark '?' in the following number series?

156, 174, 194, 216, (?), 266

1. 240
2. 220
3. 280
4. 265
5. 233

Correct Option - **1**
Given Series:

156, 174, 194, 216, (?), 266

The logic followed here is as follows:

$\Rightarrow (6)^2 + 120 = 156$

$\Rightarrow (7)^2 + 125 = 174$

$\Rightarrow (8)^2 + 130 = 194$

$\Rightarrow (9)^2 + 135 = 216$

$\Rightarrow (10)^2 + 140 = \textbf{240}$

$\Rightarrow (11)^2 + 145 = 266$

Hence, 240 will come in the place of (?).

Que. 46 What should come in place of the question mark '?' in the following number series?

65, 65, 130, 390, (?), 7800

1. 340
2. 1500
3. 1560
4. 1664
5. 1751

Correct Option - **3**
Given Series:

65, 65, 130, 390, (?), 7800

The logic followed here is as follows:

$\Rightarrow 65 \times 1 = 65$

$\Rightarrow 65 \times 2 = 130$

$\Rightarrow 130 \times 3 = 390$

$\Rightarrow 390 \times 4 = \textbf{1560}$

$\Rightarrow 1560 \times 5 = 7800$

Hence, 1560 will come in the place of (?).

Que. 47 What should come in place of the question mark '?' in the following number series?

2, 10, 30, (?), 130, 222

1. 68
2. 70

3. 75
4. 64
5. 43

Correct Option - **1**
Given Series:
2, 10, 30, (?), 130, 222
The logic followed here is as follows:
$\Rightarrow 1 + (1)^3 = 2$
$\Rightarrow 2 + (2)^3 = 10$
$\Rightarrow 3 + (3)^3 = 30$
$\Rightarrow 4 + (4)^3 = \mathbf{68}$
$\Rightarrow 5 + (5)^3 = 130$
$\Rightarrow 6 + (6)^3 = 222$
Hence, 68 will come in the place of (?).

Que. 48 | Find the wrong term in the following series.
25, 14, 14, 21, 42, 105

1. 14
2. 25
3. 21
4. 42
5. 105

Correct Option - **2**
Given series:
25, 14, 14, 21, 42, 105
Calculation :
 The series follows the following pattern:
$\Rightarrow \mathbf{28}$ x 0.5 = 14
$\Rightarrow 14$ x 1 = 14
$\Rightarrow 14$ x 1.5 = 21
$\Rightarrow 21$ x 2 = 42
$\Rightarrow 42$ x 2.5 = 105
 The wrong term is 25
 Hence the wrong term in the series is 25**.**

Que. 49 | Find the wrong term in the following series.
50, 97, 162, 257, 388, 561

1. 50

2. 97
3. 162
4. 388
5. 561

Correct Option - **1**
Given series:
50, 97, 162, 257, 388, 561
Calculation :
The series follows the following pattern:
$\Rightarrow 29 + (3)^3 = \mathbf{56}$
$\Rightarrow 33 + (4)^3 = 97$
$\Rightarrow 37 + (5)^3 = 162$
$\Rightarrow 41 + (6)^3 = 257$
$\Rightarrow 45 + (7)^3 = 388$
$\Rightarrow 49 + (8)^3 = 561$
The wrong term is 50
Hence the wrong term in the series is 50**.**

Que. 50	Find the wrong term in the following series.
	29, 60, 89, 111, 131, 148

1. 29
2. 60
3. 111
4. 131
5. 148

Correct Option - **3**
Given series:
29, 60, 89, 111, 131, 148
Calculation :
The series follows the following pattern:
$\Rightarrow 29 + 31 = 60$
$\Rightarrow 60 + 29 = 89$
$\Rightarrow 89 + 23 = \mathbf{112}$
$\Rightarrow 112 + 19 = 131$
$\Rightarrow 131 + 17 = 148$
The wrong term is 111
Hence the wrong term in the series is **111.**