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NUMBER SERIES

NUMBER SERIES

Number Series tests are a type of numerical aptitude test which require you to find the missing or wrong number in a sequence. This missing or wrong number may be at the beginning or middle or at the end of sequence.

In these questions a number series is given and candidates are asked to either insert a missing number or find the one that does not follow the pattern of series. The only thing to be understood for solving these questions is the pattern, on which a number series is written. A number series can be framed by using various methods. Therefore, it is advisable for the students to practice as much questions as possible.

Type of Questions

► Type I Find the Missing Number

ILLUSTRATION 1: What should come in place of the question mark (?) in the following number series?

0, 3, 12, 30, ?, 105, 168

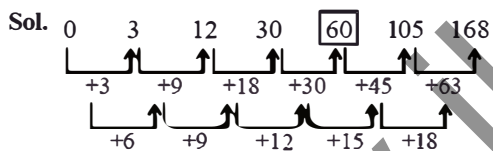


ILLUSTRATION 2: What should come in place of the question mark (?) in the following number series?

2, 9, 30, 105, ?, 2195

Sol. The series is as follows

$$\times 1 + 1 \times 7, \times 2 + 2 \times 6, \times 3 + 3 \times 5, \dots$$

ILLUSTRATION 3: What should come in place of the question mark (?) in the following number series?

3, 4, 12, 45, ?, 1005

Sol. The series is as follows

$$\times 1 + 1^2, \times 2 + 2^2, \times 3 + 3^2, \dots$$

► Type II Find the Next Number

ILLUSTRATION 4: What should be the next number in the following number series?

48, 32, 24, 20

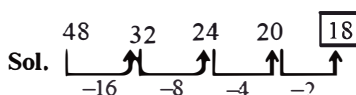


ILLUSTRATION 5: What should be the next number in the following number series?

198, 194, 185, 169, ...

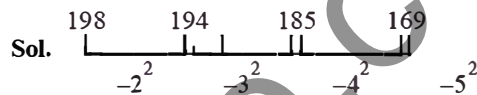


ILLUSTRATION 6: What should be the next number in the following number series?

6, 9, 7, 10, 8, 11, ...

Sol. The series is as follows

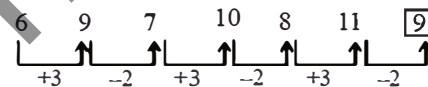
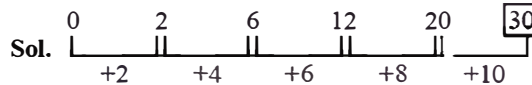


ILLUSTRATION 7: What should be the next number in the following number series?

0, 2, 6, 12, 20, ...



► Type III Find the Wrong Number

ILLUSTRATION 8: In the following number series, a wrong number is given. Find out that wrong number.

9, 15, 24, 51, 34, 69, 90

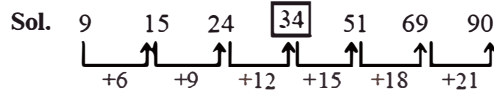


ILLUSTRATION 9: In the following number series, a wrong number is given. Find out that wrong number.

10, 15, 24, 35, 54, 75, 100

Sol. The series is as follows

+ 5, +9, +13, +17 ... difference of two consecutive terms
(9 - 5 = 13 - 9 = 17 - 13) is 4.

Hence, 35 is wrong number in the series, it should be 37.

ILLUSTRATION 10: In the following number series, a wrong number is given. Find out that wrong number.

1, 3, 4, 7, 11, 18, 27, 47

Sol. Third number is the sum of first two numbers

Hence 27 is wrong number in the series, it should be 29.

SOLVED EXAMPLES

EXAMPLE 1 : What should come in place of the question mark (?) in the following number series?

18 38 120 ? 2480 14910

- (a) 394 (b) 450
(c) 492 (d) 486
(e) None of these

Sol. (c) The given number series is based on the following pattern:

$$18 \times 2 + 2 \times 1 = 38$$

$$38 \times 3 + 3 \times 2 = 120$$

$$120 \times 4 + 4 \times 3 = [492]$$

$$492 \times 5 + 5 \times 4 = 2480$$

$$2480 \times 6 + 6 \times 5 = 14910$$

Hence, 492 will come in place of the question mark.

EXAMPLE 2 : What should come in place of the question mark (?) in the following number series?

1 3 9 31 ? 651

- (a) 97 (b) 127
(c) 129 (d) 109
(e) None of these

Sol. (c) The series is as follows

$$\times 1 + 2, \times 2 + 3, \times 3 + 4, \dots$$

EXAMPLE 3 : What should come in place of the question mark (?) in the following number series?

5 ? 4 7.5 17 45

- (a) 3.5 (b) 3
(c) 2.5 (d) 2
(e) None of these

Sol. (b) The series is as follows

$$\times 0.5 + 0.5, \times 1 + 1, \times 1.5 + 1.5, \dots$$

EXAMPLE 4 : What should come in place of the question mark (?) in the following number series?

15 30 ? 40 8 48

- (a) 10 (b) 20
(c) 18 (d) 12
(e) None of these

Sol. (a) The series is as follows

$$\times 2, \times \frac{1}{3}, \times 4, \times \frac{1}{5}, \dots$$

EXAMPLE 5 : In the following number series one of the numbers is wrong. Find out the wrong number.

14 28 112 672 5374 53760

- (a) 112 (b) 672
(c) 5374 (d) 28
(e) None of these

Sol. (c) The sequence is

$$\times 2, \times 4, \times 6, \times 8, \times 10$$

5374 should be 5376

EXAMPLE 6 : In the following number series one of the numbers is wrong. Find out the wrong number.

3 2 3 6 12 37.5 115.5

- (a) 37.5 (b) 3
(c) 6 (d) 2
(e) 12

Sol. (e) The series is as follows

$$\times 0.5 + 0.5, \times 1 + 1, \times 1.5 + 1.5, \dots$$

Hence, 12 is wrong number in the series, it should be 14.

EXAMPLE 7 : What should be the next number in the following number series?

6 42 294 2058 14406 ?

- (a) 100842 (b) 72030
(c) 86436 (d) 115248
(e) 129654

Sol. (a) $6 \times 7 = 42$

$$42 \times 7 = 294$$

$$294 \times 7 = 2058$$

$$2058 \times 7 = 14406$$

$$14406 \times 7 = 100842$$

EXAMPLE 8 : What should be the next number in the following number series?

20 33 50 69 92 ?

- (a) 196 (b) 100
(c) 169 (d) 144
(e) 121

Sol. (e) Here,

$$20 + 13 = 33$$

$$33 + 17 = 50$$

$$50 + 19 = 69$$

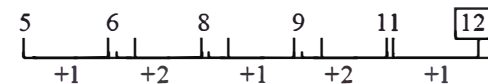
$$69 + 23 = 92$$

$$92 + 29 = 121$$

EXAMPLE 9 : What should be the next number in the following number series?

5, 6, 8, 9, 11,

- (a) 15 (b) 12
(c) 17 (d) 20
(e) None of these

Sol. (b) 

EXAMPLE 10 : What should be the next number in the following number series?

35, 30, 25, 20, 15, 10,

- (a) 15 (b) 10
(c) 5 (d) 2
(e) None of these

Sol. (c) Series is in descending order of 5.

SERIES

TYPE-I

Directions : In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

1. 10, 100, 200, 310 ?

- (1) 400 (2) 410
(3) 420 (4) 430

(SSC Combined Graduate Level
Prelim Exam. 04.07.1999
(First Sitting))

2. $4/12/95, 1/1/96, 29/1/96,$
 $26/2/96, ?$

- (1) $24/3/96$ (2) $25/3/96$
(3) $26/3/96$ (4) $27/3/96$

(SSC Combined Graduate Level
Prelim Exam. 04.07.1999
(First Sitting))

3. 2, 3, 10, 29, 66, ?

- (1) 89 (2) 99
(3) 127 (4) 130

(SSC Combined Graduate Level
Prelim Exam. 04.07.1999
(First Sitting))

4. 1, 0, 3, 2, 5, 6, ?

- (1) 9 (2) 8
(3) 10 (4) 7

(SSC Combined Graduate Level
Prelim Exam. 04.07.1999
(Second Sitting))

5. 1438, 1429, 1417, 1402, ?

- (1) 1378 (2) 1384
(3) 1387 (4) 1392

(SSC Combined Graduate Level
Prelim Exam. 04.07.1999
(Second Sitting))

6. 18, 24, 21, 27, ?, 30, 27

- (1) 33 (2) 30
(3) 24 (4) 21

(SSC Combined Graduate Level
Prelim Exam. 04.07.1999
(Second Sitting))

7. $\frac{2}{3}, \frac{4}{7}, \dots, \frac{11}{21}, \frac{16}{31}$

- (1) $\frac{6}{11}$ (2) $\frac{5}{9}$

- (3) $\frac{9}{17}$ (4) $\frac{7}{13}$

(SSC Combined Graduate Level
Prelim Exam. 27.02.2000 (First
Sitting))

8. 25, 50, 30, 45, 35, 40, ?

- (1) 30 (2) 35
(3) 40 (4) 45

(SSC Combined Graduate Level
Prelim Exam. 27.02.2000
(First Sitting))

9. 2460, 3570, 4680, ?

- (1) 8640 (2) 5670
(3) 5970 (4) 5790

(SSC Combined Graduate Level
Prelim Exam. 27.02.2000
(Second Sitting))

10. 7714, 7916, 8109, ?

- (1) 8311 (2) 8312
(3) 8509 (4) 8515

(SSC Combined Graduate Level
Prelim Exam. 27.02.2000
(Second Sitting))

11. 5760, 960, ?, 48, 16, 8

- (1) 240 (2) 192
(3) 160 (4) 120

(SSC Combined Graduate Level
Prelim Exam. 24.02.2002
(First Sitting))

12. 3, 15, 35, 63, ?

- (1) 77 (2) 84
(3) 99 (4) 98

(SSC Combined Graduate Level
Prelim Exam. 24.02.2002
(First Sitting))

13. 22, 24, 28, ?, 52, 84

- (1) 46 (2) 36
(3) 38 (4) 42

(SSC Combined Graduate Level
Prelim Exam. 24.02.2002
(Second Sitting))

14. 3, 7, 23, 95, ?

- (1) 575 (2) 479
(3) 128 (4) 62

(SSC Combined Graduate Level
Prelim Exam. 24.02.2002
(Second Sitting))

15. 2, 5, 9, 19, 37, ?

- (1) 73 (2) 75
(3) 76 (4) 78

(SSC CPO Sub-Inspector
Exam. 12.01.2003)

16. 0, ?, 8, 15, 24

- (1) 1 (2) 3
(3) 5 (4) 2

(SSC CPO Sub-Inspector
Exam. 12.01.2003)

17. 3, 15, ?, 63, 99, 143

- (1) 27 (2) 45
(3) 35 (4) 56

(SSC Combined Graduate Level
Prelim Exam. 11.05.2003 (First
Sitting))

18. 3, 28, 4, 65, 5, 126, 6, ?

- (1) 215 (2) 216
(3) 217 (4) 218

(SSC Combined Graduate Level
Prelim Exam. 11.05.2003 (First
Sitting))

19. 3691, 6931, 9361, 3691, ?

- (1) 1369 (2) 6931
(3) 1963 (4) 3961

(SSC Combined Graduate Level
Prelim Exam. 11.05.2003 (First
Sitting))

20. 10, 22, 46, 94, ?

- (1) 180 (2) 184
(3) 190 (4) 140

(SSC CPO Sub-Inspector
Exam. 07.09.2003)

21. 110, 132, 156, ?, 210

- (1) 162 (2) 172
(3) 182 (4) 192

(SSC CPO Sub-Inspector
Exam. 07.09.2003)

22. 1, 2, 2, 4, 8, ?

- (1) 8 (2) 9
(3) 16 (4) 32

(SSC Combined Graduate Level
Prelim Exam. 08.02.2004
(First Sitting))

23. 40, 60, 47, 53, 54, ?

- (1) 33 (2) 39
(3) 46 (4) 61

(SSC Combined Graduate Level
Prelim Exam. 08.02.2004
(First Sitting))

24. 12, 21, 23, 32, 34, ?

- (1) 43 (2) 41
(3) 25 (4) 35

(SSC Combined Graduate Level
Prelim Exam. 08.02.2004
(First Sitting))

25. 3, 10, 20, 33, 49, 68, ?

- (1) 75 (2) 85
(3) 90 (4) 91

(SSC Combined Graduate Level
Prelim Exam. 08.02.2004
(IInd Sitting))

| SERIES |

26. 15, 31, 64, 131, ?
 (1) 266 (2) 256
 (3) 192 (4) 524
 (SSC Combined Graduate Level
 Prelim Exam. 08.02.2004
 (IInd Sitting))
27. 100, 52, 28, 16, 10, ?
 (1) 5 (2) 7
 (3) 8 (4) 9
 (SSC Combined Graduate Level
 Prelim Exam. 08.02.2004
 (IInd Sitting))
28. 48, 24, 96, 48, 192, ____ ?
 (1) 98 (2) 90
 (3) 96 (4) 76
 (SSC CPO Sub-Inspector
 Exam. 05.09.2004)
29. 3, 10, 101, ?
 (1) 10101 (2) 11012
 (3) 10202 (4) 10201
 (SSC CPO Sub-Inspector
 Exam. 05.09.2004)
30. 18, 24, 21, 27, ?, 30, 27
 (1) 33 (2) 30
 (3) 24 (4) 21
 (SSC CPO Sub-Inspector
 Exam. 26.05.2005)
31. 2, 5, 10, 17, 26, 37, 50, ?
 (1) 63 (2) 65
 (3) 67 (4) 69
 (SSC CPO Sub-Inspector
 Exam. 26.05.2005)
32. 6, 11, 21, 36, 56, ?
 (1) 51 (2) 91
 (3) 42 (4) 81
 (SSC Statistical Investigators
 Grade-IV Exam. 31.07.2005)
33. 26, 37, 50, 65, ?, 101
 (1) 77 (2) 80
 (3) 81 (4) 82
 (SSC Statistical Investigators
 Grade-IV Exam. 31.07.2005)
34. 5, 9, 13, 17, ?, 25
 (1) 27 (2) 23
 (3) 21 (4) 19
 (SSC Combined Graduate Level
 Prelim Exam. 13.11.2005
 (First Sitting))
35. 5, 2, 7, 9, 16, 25, ?
 (1) 41 (2) 52
 (3) 48 (4) 45
 (SSC Combined Graduate Level
 Prelim Exam. 13.11.2005
 (First Sitting))
36. 4117, 5138, 6159, 7170, ?
 (1) 7138 (2) 7659
 (3) 8191 (4) 8179
 (SSC Combined Graduate Level
 Prelim Exam. 13.11.2005
 (First Sitting))
37. 7, 22, 37, ?, 67, 82
 (1) 40 (2) 42
 (3) 52 (4) 62
 (SSC Combined Graduate Level
 Prelim Exam. 13.11.2005
 (Second Sitting))
38. 4, 24, 48, 80, ?, 168
 (1) 120 (2) 108
 (3) 96 (4) 72
 (SSC Combined Graduate Level
 Prelim Exam. 13.11.2005
 (Second Sitting))
39. 264, 396, 473, 583, ?
 (1) 597 (2) 673
 (3) 729 (4) 792
 (SSC Combined Graduate Level
 Prelim Exam. 13.11.2005
 (Second Sitting))
40. 0, 2, 6, 12, ?, 30, 42
 (1) 24 (2) 20
 (3) 21 (4) 22
 (SSC Statistical Investigators
 Grade-IV Exam. 13.08.2006)
41. 5, 7, 11, 19, 35, 67, ?, 259
 (1) 130 (2) 129
 (3) 131 (4) 140
 (SSC Statistical Investigators
 Grade-IV Exam. 13.08.2006)
42. 3, 7, 15, 31, 63, 127, ?
 (1) 255 (2) 260
 (3) 245 (4) 265
 (SSC Statistical Investigators
 Grade-IV Exam. 13.08.2006)
43. 7, 12, 22, 37, ?, 82, 112, 147
 (1) 50 (2) 58
 (3) 57 (4) 156
 (SSC Statistical Investigators
 Grade-IV Exam. 13.08.2006)
44. -1, 2, 7, ?, 23, 34, 47
 (1) 13 (2) 14
 (3) 12 (4) 15
 (SSC Statistical Investigators
 Grade-IV Exam. 13.08.2006)
45. 33, 28, 24, ?, 19, 18
 (1) 21 (2) 22
 (3) 20 (4) 23
 (SSC CPO Sub-Inspector
 Exam. 03.09.2006)
46. 6, 10, 18, 34, ?
 (1) 46 (2) 56
 (3) 66 (4) 76
 (SSC CPO Sub-Inspector
 Exam. 03.09.2006)
47. 4, 8, 12, 24, 36, ?
 (1) 72 (2) 48
 (3) 60 (4) 144
 (SSC CPO Sub-Inspector
 Exam. 03.09.2006)
48. 8, 17, 36, 75, ?
 (1) 154 (2) 124
 (3) 174 (4) 144
 (SSC Combined Graduate Level
 Prelim Exam. 04.02.2007
 (First Sitting))
49. 1, 3, 4, 7, 11, ?
 (1) 18 (2) 17
 (3) 15 (4) 16
 (SSC Combined Graduate Level
 Prelim Exam. 04.02.2007
 (First Sitting))
50. 118, 182, 186, 222, ?
 (1) 318 (2) 266
 (3) 258 (4) 226
 (SSC Combined Graduate Level
 Prelim Exam. 04.02.2007
 (First Sitting))
51. 2, 7, 27, 107, ?
 (1) 327 (2) 427
 (3) 227 (4) 127
 (SSC Combined Graduate Level
 Prelim Exam. 04.02.2007
 (Second Sitting))
52. 5, 7, 11, ?, 35, 67
 (1) 23 (2) 28
 (3) 30 (4) 19
 (SSC Combined Graduate Level
 Prelim Exam. 04.02.2007
 (Second Sitting))
53. 242, 393, 4164, ?
 (1) 5525 (2) 5255
 (3) 5235 (4) 5325
 (SSC Combined Graduate Level
 Prelim Exam. 04.02.2007
 (Second Sitting))
54. 1, 2, 4, 3, 9, 4, 16, 5, ?, ?
 (1) 6, 22 (2) 21, 9
 (3) 25, 6 (4) 30, 8
 (SSC CPO Sub-Inspector
 Exam. 16.12.2007)
55. 9, 27, 31, 155, 161, 1127, ?
 (1) 1135 (2) 1288
 (3) 316 (4) 2254
 (SSC CPO Sub-Inspector
 Exam. 16.12.2007)
56. 1, 2, 3, 14, 5, 34, 7, ?, ?
 (1) 68, 7 (2) 63, 9
 (3) 60, 11 (4) 62, 9
 (SSC Combined Graduate Level
 Prelim Exam. 27.07.2008
 (First Sitting))

| SERIES |

- 57.** 255, 366, 479, 684, ?
(1) 891 (2) 125
(3) 216 (4) 343
(SSC Combined Graduate Level
Prelim Exam. 27.07.2008
(First Sitting))
- 58.** 2, 15, 4, 47, 7, 118, 11, ?, ?
(1) 260, 15 (2) 252, 16
(3) 250, 17 (4) 254, 16
(SSC Combined Graduate Level
Prelim Exam. 27.07.2008
(Second Sitting))
- 59.** 313, 623, 933, 1243, ?
(1) 1863 (2) 2173
(3) 1553 (4) 2483
(SSC Combined Graduate Level
Prelim Exam. 27.07.2008
(Second Sitting))
- 60.** 44, 56, 69, 83, ?, 114
(1) 90 (2) 98
(3) 100 (4) 110
(SSC CPO Sub-Inspector
Exam. 09.11.2008)
- 61.** 6, 7, 18, 23, 38, ?
(1) 49 (2) 47
(3) 87 (4) 92
(SSC CPO Sub-Inspector
Exam. 09.11.2008)
- 62.** 27, 32, 30, 35, 33, ?
(1) 28 (2) 31
(3) 36 (4) 38
(SSC CPO Sub-Inspector
Exam. 06.09.2009)
- 63.** 71, 59, 48, 38, 29, ?
(1) 18 (2) 21
(3) 20 (4) 38
(SSC CPO Sub-Inspector
Exam. 06.09.2009)
- 64.** 3, 4, 7, 11, 18, 29, ?
(1) 31 (2) 39
(3) 43 (4) 47
(SSC Combined Graduate Level
Tier-1 Exam. 16.05.2010
(First Sitting))
- 65.** 975, 864, 753, 642, ?
(1) 431 (2) 314
(3) 531 (4) 532
(SSC Combined Graduate Level
Tier-1 Exam. 16.05.2010
(First Sitting))
- 66.** 8, 24, 12, ?, 18, 54
(1) 28 (2) 36
(3) 46 (4) 38
(SSC Combined Graduate Level
Tier-1 Exam. 16.05.2010
(First Sitting))
- 67.** 0, 4, 18, 48, ?, 180
(1) 58 (2) 68
(3) 84 (4) 100
(SSC Combined Graduate Level
Tier-1 Exam. 16.05.2010
(Second Sitting))
- 68.** 36, 28, 24, 22, ?
(1) 18 (2) 19
(3) 21 (4) 22
(SSC Combined Graduate Level
Tier-1 Exam. 16.05.2010
(Second Sitting))
- 69.** 7, 9, 13, 21, 37, ?
(1) 58 (2) 63
(3) 69 (4) 72
(SSC Combined Graduate Level
Tier-1 Exam. 16.05.2010
(Second Sitting))
- 70.** 18, 25, 23, 30, ?
(1) 25 (2) 35
(3) 28 (4) 38
(SSC SAS Exam. 26.06.2010
(Paper-I))
- 71.** 8, 29, 113, 449, ?
(1) 673 (2) 984
(3) 1484 (4) 1793
(SSC SAS Exam. 26.06.2010
(Paper-I))
- 72.** 1, 1, 6, 6, 11, 11, 16, ?, ?
(1) 13, 11 (2) 16, 21
(3) 17, 21 (4) 21, 16
(SSC CISF ASI Exam. 29.08.2010
(Paper-I))
- 73.** 6341, 5432, _____, 3614
(1) 4253 (2) 4614
(3) 4532 (4) 4523
(SSC CISF ASI Exam. 29.08.2010
(Paper-I))
- 74.** 5255, 5306, _____, 5408, 5459
(1) 5057 (2) 5357
(3) 2257 (4) 5157
(SSC CPO Sub-Inspector
Exam. 12.12.2010 (Paper-I))
- 75.** 2, 65, 7, 59, 12, 53, ?, ?
(1) 15, 42 (2) 17, 45
(3) 17, 47 (4) 18, 48
(SSC CPO Sub-Inspector
Exam. 12.12.2010 (Paper-I))
- 76.** 56, 90, 132, 184, 248, ?
(1) 368 (2) 316
(3) 362 (4) 326
(SSC Combined Graduate Level
Prelim Exam. 19.06.2011
(First Sitting))
- 77.** 0, 4, 8, 24, 64, 176, ?
(1) 180 (2) 480
(3) 280 (4) 300
(SSC Combined Graduate Level
Prelim Exam. 19.06.2011
(First Sitting))
- 78.** 14, 19, 29, 49, 89, _____?
(1) 139 (2) 149
(3) 159 (4) 169
(SSC Combined Graduate Level
Prelim Exam. 19.06.2011
(Second Sitting))
- 79.** 121, 144, 289, 324, 529, 576,
?
(1) 961 (2) 841
(3) 900 (4) 729
(SSC Combined Graduate Level
Prelim Exam. 19.06.2011
(Second Sitting))
- 80.** 5, 21, 69, 213, 645, _____?
(1) 1670 (2) 1941
(3) 720 (4) 1320
(SSC Combined Graduate Level
Prelim Exam. 19.06.2011
(Second Sitting))
- 81.** 4, 196, 16, 169, ?, 144, 64
(1) 21 (2) 81
(3) 36 (4) 32
(SSC Combined Graduate Level
Tier-1 Exam. 26.06.2011
(First Sitting))
- 82.** 8, 15, 36, 99, 288, ?
(1) 368 (2) 676
(3) 855 (4) 908
(SSC Combined Graduate Level Tier-1
Exam. 26.06.2011
(First Sitting))
- 83.** 9, 8, 10, 16, 11, ?, 12, 64
(1) 28 (2) 36
(3) 25 (4) 32
(SSC Combined Graduate Level Tier-1
Exam. 26.06.2011
(Second Sitting))
- 84.** 34, 18, 10, ?
(1) 8 (2) 5
(3) 7 (4) 6
(SSC Combined Graduate Level
Tier-1 Exam. 26.06.2011
(Second Sitting))
- 85.** 100, 50, 52, 26, 28, ?, 16, 8
(1) 30 (2) 36
(3) 14 (4) 32
(SSC CPO (SI, ASIn& Intelligence Officer)
Exam. 28.08.2011 (Paper-I))
- 86.** 44, 40, 34, ?, 16, 4
(1) 28 (2) 26
(3) 21 (4) 19
(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (1st Sitting))
- 87.** 110, 99, 86, ?, 54, 35
(1) 81 (2) 75
(3) 71 (4) 67
(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (1st Sitting))

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- 88.** 2, 3, 5, 6, ?, 9, ?, 12
(1) 9, 11 (2) 11, 8
(3) 8, 11 (4) 8, 10
(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (Ist Sitting))
- 89.** 98, 72, ?, 32, 18, 8
(1) 42 (2) 46
(3) 50 (4) 54
(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (Ist Sitting))
- 90.** 4, 12, 36, 108, ?, 972
(1) 226 (2) 324
(3) 423 (4) 432
(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (Ist Sitting))
- 91.** 19, 23, 26, 30, 33, ?
(1) 31 (2) 35
(3) 37 (4) 39
(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (IInd Sitting))
- 92.** 240, 120, 60, ?, 15
(1) 20 (2) 25
(3) 30 (4) 10
(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (IInd Sitting))
- 93.** 1, 3, 7, 13, 21, ?
(1) 27 (2) 29
(3) 31 (4) 33
(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (IInd Sitting))
- 94.** 133, 119, 105, 91, ?
(1) 80 (2) 77
(3) 85 (4) 79
(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (IInd Sitting))
- 95.** 80, 40, 20, ?, 5
(1) 10 (2) 30
(3) 60 (4) 90
(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (IInd Sitting))
- 96.** 128, ?, 82, 62, 44, 28
(1) 99 (2) 104
(3) 109 (4) 106
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(East Zone))
- 97.** 4, 10, 18, ?, 40
(1) 24 (2) 28
(3) 32 (4) 36
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(East Zone))
- 98.** 0, 3, 8, 15, ?, 35, 48
(1) 26 (2) 24
(3) 22 (4) 20
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(East Zone))
- 99.** 19, 23, 26, 30, 33, ?
(1) 31 (2) 35
(3) 37 (4) 39
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(East Zone))
- 100.** 196, 16, 144, 36, 100, ?
(1) 36 (2) 64
(3) 80 (4) 100
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(Raipur, Madhya Pradesh))
- 101.** 121, ?, 169, 196, 225
(1) 132 (2) 136
(3) 151 (4) 144
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(Raipur, Madhya Pradesh))
- 102.** 125, 235, 345, 455, ?
(1) 465 (2) 565
(3) 575 (4) 665
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(Raipur, Madhya Pradesh))
- 103.** 15, 16, 20, 29, ?
(1) 42 (2) 45
(3) 54 (4) 38
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(Raipur, Madhya Pradesh))
- 104.** 2, 3, 6, 15, 42, ?
(1) 84 (2) 123
(3) 94 (4) 60
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(Middle Zone))
- 105.** 9, 17, 33, 65, ?
(1) 99 (2) 117
(3) 119 (4) 129
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(Middle Zone))
- 106.** 6, 17, 39, 72, ?
(1) 94 (2) 127
(3) 83 (4) 116
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(Middle Zone))
- 107.** 138, 161, 185, 210, ?
(1) 240 (2) 236
(3) 272 (4) 229
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(Middle Zone))
- 108.** 2, 6, 12, 20, 30, 42, ?
(1) 52 (2) 56
(3) 60 (4) 69
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (IInd Sitting)
(Middle Zone, Allahabad))
- 109.** 1, 3, 12, 60, ?
(1) 360 (2) 460
(3) 560 (4) 260
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (IInd Sitting) (Middle
Zone, Allahabad))
- 110.** 3, 4, 6, 6, 12, 8, 24, ?
(1) 48 (2) 10
(3) 12 (4) 36
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (IInd Sitting) (Middle
Zone, Allahabad))
- 111.** 24, 72, 120, ?
(1) 144 (2) 168
(3) 192 (4) 216
(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (IInd Sitting) (Middle
Zone, Allahabad))
- 112.** 22, 28, 25, 31, 28, ?
(1) 25 (2) 34
(3) 36 (4) 39
(SSC Combined Matric Level (PRE)
Exam. 13.05.2001 (Ist Sitting))
- 113.** 2, 4, 12, 48, ?
(1) 224 (2) 232
(3) 240 (4) 256
(SSC Combined Matric Level (PRE)
Exam. 13.05.2001 (IInd Sitting))
- 114.** 1, 8, 27, 64, ?
(1) 343 (2) 125
(3) 216 (4) 729
(SSC Combined Matric Level (PRE)
Exam. 13.05.2001 (IInd Sitting))
- 115.** 109, 74, 46, 25, 11, ?
(1) 36 (2) 0
(3) 4 (4) 11
(SSC Combined Matric Level (PRE)
Exam. 13.05.2001 (IInd Sitting))
- 116.** 3, 9, 4, 16, 5, 25, 7, ?
(1) 64 (2) 81
(3) 49 (4) 77
(SSC Combined Matric Level (PRE)
Exam. 13.05.2001 (IInd Sitting))
- 117.** 23, 29, 36, 44, ?
(1) 58 (2) 55
(3) 53 (4) 49
(SSC Combined Matric Level (PRE)
Exam. 27.05.2001 (IInd Sitting)
(East Zone))
- 118.** 66, 56, 48, ?, 38, 36
(1) 46 (2) 44
(3) 42 (4) 40
(SSC Combined Matric Level (PRE)
Exam. 27.05.2001 (IInd Sitting)
(East Zone))

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119. 6, 7, 15, 46, 185, ?

- (1) 926 (2) 1851
(3) 271 (4) 230

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(Eastern Zone, Guwahati)

120. 0, 7, 26, 63, 124, ?

- (1) 196 (2) 204
(3) 212 (4) 215

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(Eastern Zone, Guwahati)

121. 0, 6, 24, ?, 120, 210

- (1) 60 (2) 62
(3) 64 (4) 66

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(Eastern Zone, Guwahati)

122. 2, 6, 8, 14, 22, 36, ?, 94

- (1) 48 (2) 49
(3) 57 (4) 58

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(Eastern Zone, Guwahati)

123. 0.01, 0.04, 0.09, ?

- (1) 0.016 (2) 1.6
(3) 0.16 (4) 0.106

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(Eastern Zone, Guwahati)

124. 3, 5, 6, 11, 9, 17, 12, ?

- (1) 20 (2) 10
(3) 22 (4) 23

(SSC Combined Matric Level (PRE) Exam.
05.05.2002 (IInd Sitting)
(Eastern Zone, Guwahati)

125. 16, 15, 36, 35, 64, ?

- (1) 25 (2) 30
(3) 34 (4) 63

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (IInd Sitting)
(Eastern Zone, Guwahati)

126. 5.7, ?, 10.5, 12.9, 15.3, 17.7

- (1) 7.9 (2) 9.3
(3) 8.1 (4) 6.9

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (IInd Sitting)
(Eastern Zone, Guwahati)

127. $0, \frac{3}{2}, 3, \frac{9}{2}, ?, \frac{15}{2}$

- (1) $\frac{6}{2}$ (2) $\frac{6}{3}$
(3) 6 (4) $\frac{3}{6}$

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (IInd Sitting)
(Eastern Zone, Guwahati)

128. 1, 121, 441, 961, 1681, ?

- (1) 2701 (2) 3101
(3) 2501 (4) 2601

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (IInd Sitting)
(Eastern Zone, Guwahati)

129. 7, 26, 63, 124, 215, 342, ?

- (1) 481 (2) 511
(3) 391 (4) 421

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(North Zone, Delhi)

130. 2, 8, 16, 128, ?

- (1) 2041 (2) 2045
(3) 2046 (4) 2048

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(North Zone, Delhi)

131. 1 + 3, 6 + 3, 13 + 3, 22 + 3, ?

- (1) 33 + 4 (2) 33 + 3
(3) 34 + 3 (4) 43 + 3

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(North Zone, Delhi)

132. 2, 6, 12, 20, ?

- (1) 30 (2) 32
(3) 38 (4) 40

(SSC Combined Matric Level (Pre)
Exam. 05.05.2002 (IInd Sitting)
(North Zone Delhi)

133. 81, 192, 375, ?, 1029

- (1) 684 (2) 486
(3) 648 (4) 468

(SSC Combined Matric Level (Pre) Exam.
05.05.2002 (IInd Sitting)
(North Zone Delhi)

134. 2 + 2, 6 + 3, 12 + 4, 20 + 5, 30 + 6, ?

- (1) 40 + 7 (2) 40 + 8
(3) 42 + 7 (4) 45 + 7

(SSC Combined Matric Level (Pre)
Exam. 05.05.2002 (IInd Sitting)
(North Zone Delhi)

135. 0, ?, 8, 27, 64, 125

- (1) 1 (2) 2
(3) 3 (4) 4

(SSC Combined Matric Level (Pre)
Exam. 05.05.2002 (IInd Sitting)
(North Zone Delhi)

136. 0, 7, 26, 63, ?

- (1) 125 (2) 126
(3) 124 (4) 98

(SSC Combined Matric Level (Pre)
Exam. 05.05.2002 (IInd Sitting)
(North Zone Delhi)

137. 0, 6, 24, 60, ?

- (1) 90 (2) 120
(3) 84 (4) 72

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (Ist Sitting)

138. $\frac{2}{3}, \frac{4}{7}, \frac{7}{13}, \frac{11}{21}, ?$

- (1) $\frac{13}{25}$ (2) $\frac{15}{29}$
(3) $\frac{17}{33}$ (4) $\frac{16}{31}$

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (Ist Sitting)

139. 2.1, 5.2, 8.4, 11.7, 15.1, ?

- (1) 17.1 (2) 18.6
(3) 18.4 (4) 17.3

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (Ist Sitting)

140. 24, 6, 18, 9, 36, 9, 24, ?

- (1) 24 (2) 12
(3) 8 (4) 6

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (Ist Sitting)

141. 87, 90, 84, 88, 81, ?, ?

- (1) 85, 93 (2) 86, 98
(3) 86, 78 (4) 86, 68

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (IInd Sitting)

142. 2, 12, 36, 80, 150, ?

- (1) 194 (2) 210
(3) 252 (4) 258

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (IInd Sitting)

143. 2, 8, 18, 32, 50, ?

- (1) 72 (2) 100
(3) 98 (4) 96

(SSC Combined Matric Level (Pre) Exam.
12.05.2002 (IInd Sitting)

144. 5, 11, 23, 47, 95, ?

- (1) 105 (2) 145
(3) 147 (4) 191

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (IInd Sitting)

145. 1, 9, 25, 49, ?, 121

- (1) 81 (2) 91
(3) 64 (4) 100

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (IInd Sitting)

146. 2, 8, 40, ?, 1680, 13440

- (1) 80 (2) 120
(3) 160 (4) 240

(SSC Combined Matric Level (Pre)
Exam. 16.06.2002 (Re-Exam)

147. 0.2, 0.04, 0.006, ?

- (1) 0.007 (2) 0.008
(3) 0.0008 (4) 0.0012

(SSC Combined Matric Level (Pre)
Exam. 16.06.2002 (Re-Exam)

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- 148.** 2, 5, 11, 17, ?
 (1) 29 (2) 23
 (3) 19 (4) 13
 SSC Combined Matric Level (Pre)
 Exam. 16.06.2002 (Re-Exam)
- 149.** 2160, 432, 108, ?
 (1) 18 (2) 36
 (3) 32 (4) 54
 SSC Combined Matric Level (Pre)
 Exam. 16.06.2002 (Re-Exam)
- 150.** 6, 29, 121, $\frac{?}{2}$, 1961
 (1) 429 (2) 489
 (3) 484 (4) 461
 SSC Combined Matric Level (Pre)
 Exam. 30.07.2006 (1st Sitting)
 (East Zone)
- 151.** 10, 14, 19, 25, $\frac{?}{2}$
 (1) 32 (2) 30
 (3) 31 (4) 33
 SSC Combined Matric Level (Pre)
 Exam. 30.07.2006 (1st Sitting)
 (East Zone)
- 152.** 5, 11, 17, 25, 33, 43, ?
 (1) 53 (2) 56
 (3) 49 (4) 51
 SSC Combined Matric Level (Pre)
 Exam. 30.07.2006 (IInd Sitting)
 (Central Zone)
- 153.** 7, 16, 27, 40, 55, $\frac{?}{2}$
 (1) 70 (2) 72
 (3) 81 (4) 66
 SSC Combined Matric Level (Pre) Exam.
 30.03.2008 (1st Sitting)
- 154.** 720, 720, 360, 120, 30, 6, $\frac{?}{2}$
 (1) 1 (2) 2
 (3) 3 (4) 5
 SSC Combined Matric Level (Pre) Exam.
 30.03.2008 (1st Sitting)
- 155.** 321, 301, $\frac{?}{2}$, 181, 21
 (1) 281 (2) 161
 (3) 241 (4) 261
 SSC Data Entry Operator
 Exam. 31.08.2008
- 156.** 2816, $\frac{?}{2}$, 176, 44, 11
 (1) 704 (2) 1408
 (3) 352 (4) 2640
 SSC Data Entry Operator
 Exam. 31.08.2008
- 157.** 1, 5, 21, 57, 121, $\frac{?}{2}$
 (1) 150 (2) 176
 (3) 200 (4) 221
 SSC Data Entry Operator
 Exam. 31.08.2008
- 158.** 9, 17, 31, 57, $\frac{?}{2}$, 205
 (1) 102 (2) 104
 (3) 107 (4) 109
 SSC Data Entry Operator
 Exam. 02.08.2009
- 159.** 6, 10, 18, 34, $\frac{?}{2}$
 (1) 46 (2) 56
 (3) 66 (4) 76
 SSC Stenographer (Grade 'C' & 'D')
 Exam. 26.09.2010
- 160.** 13, 40, 122, 369, $\frac{?}{2}$
 (1) 1110 (2) 1111
 (3) 1112 (4) 1113
 SSC Stenographer (Grade 'C' & 'D')
 Exam. 26.09.2010
- 161.** 436, 382, 337, 238, $\frac{?}{2}$
 (1) 167 (2) 159
 (3) 138 (4) 148
 SSC Stenographer (Grade 'C' & 'D')
 Exam. 26.09.2010
- 162.** 15, 17, 20, 22, 27, 29, $\frac{?}{2}$, $\frac{?}{2}$
 (1) 31, 38 (2) 36, 38
 (3) 36, 43 (4) 38, 45
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 27.11.2010)
- 163.** 6, $\frac{?}{2}$, 15, 27, 51, 99
 (1) 10 (2) 9
 (3) 11 (4) 12
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 27.11.2010)
- 164.** 2, 5, 8, 11, 14, ?
 (1) 17 (2) 16
 (3) 15 (4) 18
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 27.11.2010)
- 165.** 113, 225, 449, $\frac{?}{2}$, 1793
 (1) 897 (2) 789
 (3) 987 (4) 978
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 28.11.2010 (1st sitting))
- 166.** 230, 246, 271, 307, $\frac{?}{2}$
 (1) 412 (2) 356
 (3) 518 (4) 612
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 28.11.2010 (1st sitting))
- 167.** 97, 86, 99, 88, 101, $\frac{?}{2}$, $\frac{?}{2}$
 (1) 88, 99 (2) 90, 103
 (3) 121, 108 (4) 114, 103
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 28.11.2010 (I
- 168.** 14, 21, 30, 41, 54, $\frac{?}{2}$
 (1) 61 (2) 73
 (3) 69 (4) 70
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 28.11.2010 (IInd sitting))
- 169.** 17, 14, 15, 12, 13, $\frac{?}{2}$, $\frac{?}{2}$
 (1) 10, 11 (2) 14, 11
 (3) 11, 13 (4) 12, 15
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 28.11.2010 (IInd sitting))
- 170.** 2, 5, 10, $\frac{?}{2}$, 26
 (1) 19 (2) 21
 (3) 17 (4) 25
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 28.11.2010 (IInd sitting))
- 171.** 31, 37, 49, 67, ?
 (1) 87 (2) 91
 (3) 89 (4) 97
 (SSC Stenographer Grade 'C' & 'D')
 Exam. 09.01.2011)
- 172.** 365, 364, 355, 330, 281, ?
 (1) 280 (2) 200
 (3) 180 (4) 120
 (SSC Stenographer Grade 'C' & 'D')
 Exam. 09.01.2011)
- 173.** 4, 5, 6, 9, 8, 13, 10, ?
 (1) 14 (2) 15
 (3) 11 (4) 17
 (SSC Stenographer Grade 'C' & 'D')
 Exam. 09.01.2011)
- 174.** 56, 42, 30, 20, $\frac{?}{2}$, 6
 (1) 15 (2) 12
 (3) 18 (4) 14
 (SSC Multi-Tasking (Non-Technical)
 Staff Exam. 20.02.2011)
- 175.** 1, 6, 15, ?, 45, 66, 91
 (1) 25 (2) 26
 (3) 27 (4) 28
 (SSC Multi-Tasking (Non-Technical)
 Staff Exam. 27.02.2011)
- 176.** 6, 12, 20, 30, ?
 (1) 40 (2) 41
 (3) 42 (4) 48
 (SSC CISF Constable (GD)
 Exam. 05.06.2011)
- 177.** 24, 6, 18, 9, 36, 9, 24, ?
 (1) 24 (2) 12
 (3) 8 (4) 6
 (SSC Stenographer (Grade 'C' & 'D')
 Exam. 16.10.2011)
- 178.** 2, 6, 12, ?, 30
 (1) 18 (2) 24
 (3) 20 (4) 26
 (SSC Stenographer (Grade 'C' & 'D')
 Exam. 16.10.2011)
- 179.** 9, 16, 25, 36, ?, 64
 (1) 56 (2) 49
 (3) 80 (4) 72
 SSC (10+2) Level Data Entry
 Operator & LDC Exam. 04.12.2011
 (1st Sitting (North Zone))

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- 180.** 3, 5, 8, 13, 21, 34, 55, ?
 (1) 34 (2) 55
 (3) 21 (4) 89
 SSC (10+2) Level Data Entry Operator & LDC Exam. 04.12.2011 (Ist Sitting (North Zone))
- 181.** 2, 6, 14, 26, ?, 62
 (1) 52 (2) 54
 (3) 44 (4) 42
 SSC (10+2) Level Data Entry Operator & LDC Exam. 04.12.2011 (IInd Sitting (North Zone))
- 182.** 6, 12, 21, 33, ?
 (1) 45 (2) 48
 (3) 40 (4) 46
 SSC (10+2) Level Data Entry Operator & LDC Exam. 04.12.2011 (IInd Sitting (North Zone))
- 183.** 24, 29, 39, ?, 74
 (1) 49 (2) 54
 (3) 44 (4) 50
 SSC (10+2) Level Data Entry Operator & LDC Exam. 04.12.2011 (Ist Sitting (East Zone))
- 184.** 480, ?, 24, 8, 4
 (1) 98 (2) 96
 (3) 104 (4) 88
 SSC (10+2) Level Data Entry Operator & LDC Exam. 04.12.2011 (Ist Sitting (East Zone))
- 185.** 1, 49, 121, ?, 289
 (1) 529 (2) 169
 (3) 329 (4) 225
 SSC (10+2) Level Data Entry Operator & LDC Exam. 04.12.2011 (IInd Sitting (East Zone))
- 186.** 0, 2, 6, 12, 20, ?, 42
 (1) 34 (2) 30
 (3) 32 (4) 28
 SSC (10+2) Level Data Entry Operator & LDC Exam. 04.12.2011 (IInd Sitting (East Zone))
- 187.** 1, 9, 25, ?, 81
 (1) 36 (2) 49
 (3) 64 (4) 28
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (Ist Sitting (Delhi Zone))
- 188.** 3, 6, 12, 21, ?, 48
 (1) 31 (2) 33
 (3) 34 (4) 38
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (Ist Sitting (Delhi Zone))
- 189.** 169, 144, 121, 100, ?
 (1) 99 (2) 74
 (3) 81 (4) 101
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (IInd Sitting (Delhi Zone))
- 190.** 5, ?, 23, 47, 95, 191.
 (1) 13 (2) 10
 (3) 17 (4) 11
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (IInd Sitting (Delhi Zone))
- 191.** 256, 16, 4, ?
 (1) 8 (2) 6
 (3) 2 (4) 4
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (Ist Sitting (East Zone))
- 192.** 1, 6, 13, 22, ?, 46
 (1) 32 (2) 33
 (3) 40 (4) 43
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (Ist Sitting (East Zone))
- 193.** 6, 11, 21, 26, 36, ?, 51
 (1) 41 (2) 39
 (3) 47 (4) 48
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (IInd Sitting (East Zone))
- 194.** 225, 289, ?, 441
 (1) 361 (2) 375
 (3) 383 (4) 386
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (IInd Sitting (East Zone))
- 195.** 4, 10, 22, 46, ?
 (1) 56 (2) 66
 (3) 76 (4) 94
 SSC Constable (GD) & Rifleman (GD) Exam. 22.04.2012 (Ist Sitting)
- 196.** 2, 5, 9, ?, 20, 27
 (1) 14 (2) 16
 (3) 18 (4) 24
 SSC Constable (GD) & Rifleman (GD) Exam. 22.04.2012 (IInd Sitting)
- 197.** V, VIII, XI, XIV, ?, XX
 (1) XV (2) XVII
 (3) IX (4) XXIII
 (SSC Level Data Entry Operator & LDC Exam.21.10.2012 (Ist Sitting))
- 198.** 48, 82, 44, 77, 40, 72, ?
 (1) 76 (2) 70
 (3) 36 (4) 40
 (SSC Level Data Entry Operator & LDC Exam.21.10.2012 (Ist Sitting))
- 199.** 7, 8, 10, 13, 17, ?
 (1) 22 (2) 21
 (3) 23 (4) 20
 (SSC Level Data Entry Operator & LDC Exam.21.10.2012 (Ist Sitting))
- 200.** 69, 72, 78, 87, ?, 114
 (1) 111 (2) 99
 (3) 93 (4) 96
 (SSC Level Data Entry Operator & LDC Exam.21.10.2012 (Ist Sitting))
- 201.** 62, 61, 63, 62, 64, 63, ?
 (1) 66 (2) 62
 (3) 64 (4) 65
 (SSC Level Data Entry Operator & LDC Exam.21.10.2012 (IInd Sitting))
- 202.** 70, 71, 76, ?, 81, 86, 70, 91
 (1) 96 (2) 70
 (3) 80 (4) 71
 (SSC Level Data Entry Operator & LDC Exam.21.10.2012 (IInd Sitting))
- 203.** 36, 34, 30, 28, 24, ?
 (1) 22 (2) 23
 (3) 26 (4) 20
 (SSC Level Data Entry Operator & LDC Exam.21.10.2012 (IInd Sitting))
- 204.** 1, 4, 9, 16, 25, ?, 49
 (1) 36 (2) 64
 (3) 81 (4) 27
 (SSC Level Data Entry Operator & LDC Exam.21.10.2012 (IInd Sitting))
- 205.** 1.5, 2.3, 3.1, 3.9, ?
 (1) 3.12 (2) 4.7
 (3) 4.9 (4) 5.1
 (SSC Level Data Entry Operator & LDC Exam.28.10.2012 (Ist Sitting))
- 206.** 14, 28, 20, 40, 32, 64, ?
 (1) 52 (2) 56
 (3) 128 (4) 48
 (SSC Level Data Entry Operator & LDC Exam.28.10.2012 (Ist Sitting))
- 207.** 36, 34, 30, 28, 24, ?
 (1) 20 (2) 22
 (3) 23 (4) 26
 (SSC Level Data Entry Operator & LDC Exam.28.10.2012 (Ist Sitting))
- 208.** 1000, 200, 40, ?
 (1) 10 (2) 20
 (3) 15 (4) 8
 (SSC Level Data Entry Operator & LDC Exam.28.10.2012 (Ist Sitting))
- 209.** 4320, 720, ?, 36, 12, 6
 (1) 144 (2) 24
 (3) 72 (4) 48
 (SSC Level Data Entry Operator & LDC Exam.28.10.2012 (Ist Sitting))
- 210.** 39, 169, 299, ?
 (1) 339 (2) 429
 (3) 519 (4) 609
 (SSC Level Data Entry Operator & LDC Exam.04.11.2012 (IInd Sitting))

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- 211.** 113, 128, 161, 185, ?
 (1) 209 (2) 218
 (3) 227 (4) 200
 (SSC Level Data Entry Operator & LDC Exam.04.11.2012 (IInd Sitting))
- 212.** 2, 5, 7, 12, 19, 31, ?, 81
 (1) 30 (2) 40
 (3) 50 (4) 60
 (SSC Graduate Level Tier-I Exam.11.11.2012 (Ist Sitting))
- 213.** 3, 5, 6, 11, 9, 17, 12, ?
 (1) 20 (2) 10
 (3) 22 (4) 23
 (SSC Graduate Level Tier-I Exam.11.11.2012 (Ist Sitting))
- 214.** 5, 22, 107, ?, 2657
 (1) 230 (2) 1627
 (3) 728 (4) 532
 (SSC Assistant Grade-III Exam.11.11.2012 (IInd Sitting))
- 215.** 6, 24, 12, ?, 18, 8, 24, 0
 (1) 14 (2) 18
 (3) 16 (4) 20
 (SSC Assistant Grade-III Exam.11.11.2012 (IInd Sitting))
- 216.** 206, 221, 251, 296, 356, ?
 (1) 416 (2) 426
 (3) 431 (4) 430
 (FCI Assistant Grade-II Exam. 22.01.2012 Paper-I)
- 217.** 5, 17, 37, 65, ?, 145
 (1) 95 (2) 97
 (3) 99 (4) 101
 (FCI Assistant Grade-II Exam. 22.01.2012 Paper-I)
- 218.** 33, 48, 65, 84, ?, ?
 (1) 105, 128 (2) 99, 110
 (3) 101, 118 (4) 105, 126
 (FCI Assistant Grade-III Exam. 25.02.2012 (Paper-I) North Zone (Ist Sitting))
- 219.** 2, 10, 26, 50, ?
 (1) 74 (2) 50
 (3) 78 (4) 82
 (FCI Assistant Grade-III Exam. 25.02.2012 (Paper-I) North Zone (Ist Sitting))
- 220.** 0, 7, ?, 63, 124
 (1) 26 (2) 24
 (3) 23 (4) 22
 (FCI Assistant Grade-III Exam. 05.02.2012 (Paper-I) East Zone (IInd Sitting))
- 221.** 12, 36, 108, 324, ?
 (1) 972 (2) 648
 (3) 1296 (4) 432
 (FCI Assistant Grade-III Exam. 05.02.2012 (Paper-I) East Zone (IInd Sitting))
- 222.** 53, 40, 27, _____.
 (1) 53 (2) 12
 (3) 14 (4) 27
 (SSC Level Data Entry Operator & LDC Exam. 21.10.2012 (IInd Sitting))
- 223.** 6, 20, 8, 14, 10, 8, 12, ?.
 (1) 2 (2) 4
 (3) 10 (4) 14
 (SSC Level Data Entry Operator & LDC Exam. 21.10.2012 (IInd Sitting))
- 224.** 33, 66, 99, ?
 (1) 133 (2) 130
 (3) 131 (4) 132
 (SSC Multi-Tasking Staff Exam. 17.03.2013, Kolkata Region)
- 225.** 4, 18, 48, ?, 180
 (1) 80 (2) 100
 (3) 105 (4) 125
 (SSC Graduate Level Tier-I Exam. 19.05.2013, IInd Sitting)
- 226.** 3, 11, 38, 102, ?, 443
 (1) 227 (2) 237
 (3) 247 (4) 217
 (SSC (10+2) Level Data Entry Operator & LDC Exam. 04.11.2012, Ist Sitting)
- 227.** 3.5, 7, 10.5, 14, ?
 (1) 15.5 (2) 16.5
 (3) 18.5 (4) 17.5
 (SSC Multi-Tasking Staff Exam. 10.03.2013, Ist Sitting : Patna)
- 228.** 7, 12, 19, 28, 39, ?
 (1) 52 (2) 50
 (3) 51 (4) 48
 (SSC Multi-Tasking Staff Exam. 10.03.2013, Ist Sitting : Patna)
- 229.** 1, 3, 7, 13, 21, 31, 43, ?
 (1) 55 (2) 57
 (3) 59 (4) 61
 (SSC Multi-Tasking Staff Exam. 10.03.2013, Ist Sitting : Patna)
- 230.** 0.5, 2, 4.5, 8, 12.5, ?.
 (1) 17 (2) 16
 (3) 16.5 (4) 18
 (SSC Multi-Tasking Staff Exam. 10.03.2013)
- 231.** 3, 6, 18, 21, 63, 66, ?.
 (1) 181 (2) 160
 (3) 147 (4) 198
 (SSC Multi-Tasking Staff Exam. 10.03.2013)
- 232.** 510, 322, 404, ?
 (1) 422 (2) 371
 (3) 629 (4) 819
 (SSC Multi-Tasking Staff Exam.17.03.2013, Kolkata Region)
- 233.** 15, 14, 12, 9, 5, 0, ?, ?
 (1) - 11 (2) - 15
 (3) - 6 (4) - 7
 (SSC Multi-Tasking Staff Exam. 17.03.2013, Ist Sitting)
- 234.** 26, 22, 20, 16, 14, ?
 (1) 8 (2) 4
 (3) 12 (4) 10
 (SSC Multi-Tasking Staff Exam. 17.03.2013, Ist Sitting)
- 235.** 15, 23, 31, 39, ?, 54, 61
 (1) 47 (2) 46
 (3) 44 (4) 45
 (SSC Multi-Tasking Staff Exam. 17.03.2013, IInd Sitting)
- 236.** 2, 3.5, 5, 6.5, 8, ?
 (1) 9.5 (2) 10.5
 (3) 11.0 (4) 9.0
 (SSC Multi-Tasking Staff Exam. 17.03.2013, IInd Sitting)
- 237.** 32, 58, 92, 134, ?
 (1) 184 (2) 194
 (3) 156 (4) 169
 (SSC Multi-Tasking Staff Exam. 17.03.2013, IInd Sitting)
- 238.** 5, 13, 29, 61, 125, ?.
 (1) 253 (2) 196
 (3) 245 (4) 145
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 239.** 61, 52, 63, 94, 46, ?.
 (1) 19 (2) 18
 (3) 17 (4) None
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 240.** 13, 10, ? 100, 1003, 1000, 10003.
 (1) 1030 (2) 1130
 (3) 103 (4) 130
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 241.** 120, 440, 960, 1680, ?
 (1) 2600 (2) 3240
 (3) 3040 (4) 2400
 (SSC Graduate Level Tier-I Exam. 21.04.2013, IInd Sitting)
- 242.** 5, 16, 51, 158, ?
 (1) 1454 (2) 1452
 (3) 483 (4) 481
 (SSC Graduate Level Tier-I Exam. 19.05.2013, Ist Sitting)

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- 243.** 198, 202, 211, 227, ?
 (1) 236 (2) 252
 (Q) 275 (4) 245
 (SSC CAPFs SI & CISF ASI Exam. 23.06.2013)
- 244.** 7, 25, 61, 121, ?
 (1) 210 (2) 211
 (3) 212 (4) 209
 (SSC CAPFs SI & CISF ASI Exam. 23.06.2013)
- 245.** 125, 80, 45, 20, ?
 (1) 8 (2) 12
 (3) 10 (4) 5
 (SSC Cabinet Secretariat RO (ECO), DFO (T) & DFO (GD) Tier-I Exam. 23.06.2013)
- 246.** 1, 3, 5, 7, ?, 13
 (1) 9 (2) 11
 (3) 8 (4) 12
 (SSC Cabinet Secretariat RO (ECO), DFO (T) & DFO (GD) Tier-I Exam. 23.06.2013)
- 247.** 1, 2, 5, 10, 17, ?
 (1) 19 (2) 21
 (3) 25 (4) 26
 (SSC Cabinet Secretariat RO (ECO), DFO (T) & DFO (GD) Tier-I Exam. 23.06.2013)
- 248.** 17, 43, 81, 131, ?
 (1) 300 (2) 193
 (3) 375 (4) 468
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 249.** 5, 11, 23, 47, 95, ?
 (1) 161 (2) 169
 (3) 190 (4) 191
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 250.** 2, 29, 38, 47, ?
 (1) 52 (2) 58
 (3) 59 (4) 56
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 251.** 3917, 3526, ?, 2857
 (1) 3174 (2) 3389
 (3) 2682 (4) 3082
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 252.** 5, 11, 24, 51, 106, ?
 (1) 122 (2) 217
 (3) 221 (4) 115
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 253.** 0, 6, 24, 60, ?, 210
 (1) 117 (2) 119
 (3) 120 (4) 153
 (SSC Graduate Level Tier-I Exam. 21.04.2013, IInd Sitting)
- 254.** 50, 65, 82, ?, 122
 (1) 101 (2) 97
 (3) 105 (4) 100
 (SSC Constable (GD) Exam. 12.05.2013)
- 255.** 4, 3, 2.5, 2.25, ?
 (1) 1 (2) 1.125
 (3) 2 (4) 2.125
 (SSC Constable (GD) Exam. 12.05.2013 Ist Sitting)
- 256.** 2311, 4529, ?, 8989
 (1) 7243 (2) 6353
 (3) 5662 (4) 6755
 (SSC Graduate Level Tier-I Exam. 19.05.2013, Ist Sitting)
- 257.** 21, 30, 38, ?, 51, 56, 60
 (1) 80 (2) 35
 (3) 55 (4) 45
 (SSC Graduate Level Tier-I Exam. 19.05.2013, Ist Sitting)
- 258.** 6, 14, 30, ?
 (1) 54 (2) 29
 (3) 27 (4) 33
 (SSC Graduate Level Tier-I Exam. 19.05.2013, Ist Sitting)
- 259.** 95, 115, 145, 155, ?
 (1) 215 (2) 175
 (3) 185 (4) 165
 (SSC Graduate Level Tier-I Exam. 19.05.2013, IInd Sitting)
- 260.** 1, 3, 8, 19, 42, ?
 (1) 65 (2) 71
 (3) 89 (4) 93
 (SSC Graduate Level Tier-I Exam. 19.05.2013, IInd Sitting)
- 261.** 4, 18, 48, ?, 180
 (1) 80 (2) 100
 (3) 105 (4) 125
 (SSC Graduate Level Tier-I Exam. 19.05.2013, IInd Sitting)
- 262.** 4, 8, 16, 32, ?, 128
 (1) 64 (2) 46
 (3) 112 (4) 120
 (SSC Multi-Tasking (Non-Tech.) Staff Exam. 16.02.2014)
- 263.** 8, 16, 28, 44, ?
 (1) 62 (2) 64
 (3) 66 (4) 60
 (SSC Multi-Tasking Staff (Patna) Exam. 16.02.2014)
- 264.** 0, 3, 8, 15, 24, ?, 48
 (1) 41 (2) 29
 (3) 37 (4) 35
 (SSC Multi-Tasking (Non-Tech.) Staff Exam. 23.02.2014, IInd Sitting)
- 265.** 2, 20, 56, 110, ?
 (1) 132 (2) 144
 (3) 182 (4) 115
 (SSC CGL Tier-I Re-Exam-2013, 27.04.2014)
- 266.** 121, 222, 424, ?
 (1) 646 (2) 828
 (3) 626 (4) 524
 (SSC CGL Tier-I Re-Exam-2013, 27.04.2014)
- 267.** 2, 3, 5, 9, 17, ?
 (1) 31 (2) 32
 (3) 33 (4) 34
 (SSC CGL Tier-I Re-Exam-2013, 27.04.2014)
- 268.** 7, 12, 22, 42, 82, ?
 (1) 173 (2) 162
 (3) 183 (4) 143
 (SSC CGL Tier-I Re-Exam-2013, 27.04.2014)
- 269.** 3, 6, 9, 15, 24, 39, 63, ?
 (1) 100 (2) 87
 (3) 102 (4) 99
 (SSC CAPFs SI, CISF ASI & Delhi Police SI Exam. 22.06.2014)
- 270.** -1, 0, ?, 8, 15, 24
 (1) 4 (2) 3
 (3) 2 (4) 1
 (SSC CAPFs SI, CISF ASI & Delhi Police SI Exam. 22.06.2014)
- 271.** 2, 3, 5, 6, 7, 9, 10, 11, 13, ?
 (1) 12 (2) 15
 (3) 14 (4) 16
 (SSC CAPFs SI, CISF ASI & Delhi Police SI Exam. 22.06.2014)
- 272.** 22, 31, 42, 55, ?, 87
 (1) 64 (2) 70
 (3) 72 (4) 68
 (SSC CAPFs SI, CISF ASI & Delhi Police SI Exam. 22.06.2014)
- 273.** 512, 256, 128, ?, 32, 16, 8
 (1) 52 (2) 61
 (3) 64 (4) 56
 (SSC GL Tier-I Re-Exam. (2013) 20.07.2014, Ist Sitting)
- 274.** 30, 130, 630, ?
 (1) 1260 (2) 3130
 (3) 1030 (4) 3103
 (SSC GL Tier-I Re-Exam. (2013) 20.07.2014, Ist Sitting)
- 275.** 5, 11, 21, 43, 85, ?
 (1) 185 (2) 170
 (3) 171 (4) 181
 (SSC GL Tier-I Re-Exam. (2013) 20.07.2014, IInd Sitting)
- 276.** 12, 27, 85, 345, ?
 (1) 1737 (2) 1380
 (3) 1725 (4) 1731
 (SSC GL Tier-I Re-Exam. (2013) 20.07.2014, IInd Sitting)

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277. 0, $\frac{?}{?}$, 8, 27, 64, 125

- (1) 5 (2) 4
(3) 2 (4) 1

(SSC GL Tier-I Exam.
19.10.2014, 1st Sitting)

278. 1, 5, 25, 125, $\frac{?}{?}$, $\frac{?}{?}$, $\frac{?}{?}$.

- (1) 245, 485, 965
(2) 225, 325, 425
(3) 625, 3225, 15605
(4) 625, 3125, 15625

(SSC GL Tier-I Exam.
19.10.2014, 1st Sitting)

279. 2, 2, 4, 6, $\frac{?}{?}$, 10, 8, 14, 10

- (1) 6 (2) 5
(3) 8 (4) 7

(SSC GL Tier-I Exam. 26.10.2014)

280. 3, 8, 18, 35, $\frac{?}{?}$, 98

- (1) 61 (2) 71
(3) 41 (4) 51

(SSC GL Tier-I Exam. 26.10.2014)

281. 17, 13, 11, 7, 5, $\frac{?}{?}$

- (1) 0 (2) 1
(3) 2 (4) 3

(SSC CHSL (10+2) DEO & LDC
Exam. 02.11.2014, Patna Region :
(1st Sitting)

282. 4, 9, 19, 39, $\frac{?}{?}$

- (1) 49 (2) 59
(3) 79 (4) 89

(SSC CHSL (10+2) DEO & LDC
Exam. 02.11.2014, Patna Region :
(1st Sitting)

283. 3, 6, 8, 16, 18, $\frac{?}{?}$

- (1) 28 (2) 34
(3) 36 (4) 54

(SSC CHSL (10+2) DEO & LDC
Exam. 02.11.2014, Patna Region :
(1st Sitting)

284. 9, 15, 23, 33, ?

- (1) 44 (2) 36
(3) 38 (4) 45

(SSC CHSL (10+2) DEO & LDC
Exam. 02.11.2014, IInd Sitting)

285. 4, 7, 14, 24, 41, ?

- (1) 71 (2) 68
(3) 72 (4) 51

(SSC CHSL (10+2) DEO & LDC
Exam. 02.11.2014, IInd Sitting)

286. 5, 16, 51, 158, ?

- (1) 481 (2) 465
(3) 441 (4) 478

(SSC CHSL (10+2) DEO & LDC
Exam. 02.11.2014, IInd Sitting)

287. Select the missing number from the given responses.

- 1 4 2 3 2 ?
(1) 2 (2) 3
(3) 4 (4) 5

(SSC CHSL (10+2) DEO & LDC
Exam. 02.11.2014, IInd Sitting)

288. 68, 81, 96, $\frac{?}{?}$, 132

- (1) 105 (2) 110
(3) 113 (4) 130

(SSC CHSL (10+2) DEO & LDC
Exam. 09.11.2014)

289. 121, 253, 374, 495, $\frac{?}{?}$

- (1) 565 (2) 523
(3) 5116 (4) 5102

(SSC CHSL (10+2) DEO & LDC
Exam. 09.11.2014)

290. 3, 15, 4, 16, 5, 17, 6, $\frac{?}{?}$, 7

- (1) 12 (2) 13
(3) 15 (4) 18

(SSC CHSL (10+2) DEO & LDC
Exam. 09.11.2014)

291. 1, 8, 17, 30, ?, 76

- (1) 39 (2) 49
(3) 59 (4) 69

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, Patna Region :
(1st Sitting)

292. 12, 8, 14, 6, 16, ?

- (1) 18 (2) 32
(3) 5 (4) 4

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, Patna Region :
(1st Sitting)

293. 1, 6, 13, 22, 33, ?

- (1) 47 (2) 43
(3) 46 (4) 44

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, Patna Region :
(1st Sitting)

294. 30, 24, 19, 15, 12, ?

- (1) 6 (2) 8
(3) 10 (4) 11

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014)

295. 2, 7, 17, 32, 52, 77, ?

- (1) 107 (2) 91
(3) 101 (4) 92

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014)

296. 30, 28, 23, 21, ?

- (1) 15 (2) 16
(3) 18 (4) 20

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014)

Directions : In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

297. 1, 2, 6, 24, $\frac{?}{?}$, 720

- (1) 3 (2) 5
(3) 120 (4) 8

(SSC CGL Tier-I Exam. 19.10.2014
TF No. 022 MH 3)

298. 156, 506, $\frac{?}{?}$, 1806

- (1) 1056 (2) 856
(3) 1456 (4) 1506

(SSC CGL Tier-I Exam. 19.10.2014
TF No. 022 MH 3)

299. 8 | 24 | 40 | 56 | $\frac{?}{?}$ | 88

- (1) 76 (2) 72
(3) 70 (4) 74

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, 1st Sitting
TF No. 333 LO 2)

300. 1 | 2 | 6 | 24 | 120 | $\frac{?}{?}$

- (1) 360 (2) 720
(3) 600 (4) 640

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, 1st Sitting
TF No. 333 LO 2)

301. 1 | 8 | 27 | $\frac{?}{?}$

- (1) 37 (2) 47
(3) 57 (4) 64

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, 1st Sitting
TF No. 333 LO 2)

302. 25, 35, 55, ?, 125

- (1) 65 (2) 75
(3) 85 (4) 95

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, IInd Sitting
TF No. 545 QP 6)

Directions (303-304) : In each of the following questions, choose the correct alternative from the given ones that will complete the series.

(SSC CAPFs SI, CISF ASI & Delhi
Police SI Exam, 21.06.2015
(1st Sitting) TF No. 8037731)

303. $7\frac{1}{7}$, $8\frac{2}{6}$, $9\frac{5}{5}$, $12\frac{2}{4}$, $16\frac{2}{3}$, —

- (1) $35\frac{3}{4}$ (2) $16\frac{4}{4}$

- (3) $\frac{50}{2}$ (4) $15\frac{2}{4}$

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- 304.** 24, 35, 20, 31, 16, 27, __, __
 (1) 12, 23 (2) 5, 30
 (3) 8, 25 (3) 9, 9

Directions (305–306) : In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

(SSC CAPFs SI, CISF ASI & Delhi Police SI Exam, 21.06.2015
 IInd Sitting)

- 305.** 1, 2, 5, 26, ?
 (1) 677 (2) 252
 (3) 526 (4) 125
- 306.** 0, 6, 24, 60, 120, 210, ?
 (1) 240 (2) 336
 (3) 504 (4) 290

Directions (307–308) : In the following two questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

(SSC CGL Tier-I Exam, 09.08.2015
 (Ist Sitting) TF No. 1443088)

- 307.** 3, 5, 9, 17, ?
 (1) 42 (2) 26
 (3) 65 (4) 33
- 308.** 4, 6, 10, 16, 24, ?
 (1) 40 (2) 28
 (3) 30 (4) 34

Directions (309–310) : In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

(SSC CGL Tier-I Exam, 09.08.2015
 (IInd Sitting) TF No. 4239378)

- 309.** 1, 2, 2, 4, 3, 8, 7, 10, ?
 (1) 11 (2) 13
 (3) 9 (4) 8
- 310.** 0, 7, 26, 63, ?
 (1) 123 (2) 87
 (3) 96 (4) 124
- 311.** 12 _ 41 _ 34123 _ _ 234
 (1) 3241 (2) 2134
 (3) 1432 (4) 3212

(SSC CGL Tier-I Exam, 16.08.2015
 (Ist Sitting) TF No. 3196279)

- 312.** Find the missing number :
 2, 15, 10, 17, 26, ?
 (1) 49 (2) 47
 (3) 37 (4) 36

(SSC CGL Tier-I Exam, 16.08.2015
 (Ist Sitting) TF No. 3196279)

- 313.** 3, 5, 35, 10, 12, 35, __, __
 (1) 19, 35 (2) 17, 19
 (3) 19, 24 (4) 22, 35

(SSC CGL Tier-I Exam, 16.08.2015
 (IInd Sitting) TF No. 2176783)

- 314.** 36, 34, 30, 28, 24, ?
 (1) 20 (2) 26
 (3) 22 (4) 23

(SSC CGL Tier-I Exam, 16.08.2015
 (IInd Sitting) TF No. 2176783)

- 315.** 325, 259, 204, 160, 127, 105, ?
 (1) 94 (2) 96
 (3) 98 (4) 100

(SSC CGL Tier-I Exam, 16.08.2015
 (IInd Sitting) TF No. 2176783)

- 316.** 0.15, 0.3, ?, 1.2, 2.4
 (1) 0.6 (2) 0.9
 (3) 0.06 (4) 4.8

(SSC CGL Tier-I
 Re-Exam, 30.08.2015)

- 317.** 3, 8, 10, 15, 17, 22, 24, ?, ?
 (1) 26, 28 (2) 29, 31
 (3) 29, 32 (4) 29, 34

(SSC Constable (GD)
 Exam, 04.10.2015, IInd Sitting)

- 318.** 1, 5, 13, 25, 41, 61, ?
 (1) 85 (2) 77
 (3) 81 (4) 91

(SSC (10+2) LDC/DEO/PA/SA
 Exam, 01.11.2015 TF No. 1098066)

- 319.** 1, 16, 81, 256, 625, ?
 (1) 1225 (2) 4163
 (3) 2225 (4) 1296

(SSC (10+2) LDC/DEO/PA/SA
 Exam, 01.11.2015 TF No. 1098066)

Directions (320–322) : In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

(SSC CHSL (10+2) LDC, DEO & PA/SA
 Exam, 01.11.2015, IInd Sitting)

- 320.** 361, ?, 169, 121, 49, 25.
 (1) 196 (2) 256
 (3) 324 (4) 289

- 321.** 127, 131, 139, ?, 151, 157, 163, 167.
 (1) 149 (2) 147
 (3) 141 (4) 143

- 322.** 1, 1, 2, 3, 5, ?, 13, 21
 (1) 6 (2) 9
 (3) 7 (4) 8

- 323.** 7, 18, 40, 73, 117, ?
 (1) 183 (2) 150
 (3) 161 (4) 172

(SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 15.11.2015
 (Ist Sitting) TF No. 6636838)

- 324.** 3, 5, 9, 15, 23, 33, 45, 59, ?
 (1) 81 (2) 60
 (3) 75 (4) 72

(SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 15.11.2015
 (Ist Sitting) TF No. 6636838)

- 325.** 16, 61, 25, 52, 36, 63, 49, ?
 (1) 94 (2) 36
 (3) 46 (4) 72

(SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 15.11.2015
 (Ist Sitting) TF No. 6636838)

326. In following series find 20th number.

9, 5, 1, -3, -7, -11,

- (1) -67 (2) -64
 (3) -75 (4) -70

(SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 15.11.2015
 (IInd Sitting) TF No. 7203752)

- 327.** 4, 11, 17, 22, ?, 29, 31, 32
 (1) 24 (2) 26
 (3) 27 (4) 23

(SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 15.11.2015
 (IInd Sitting) TF No. 7203752)

- 328.** 1, 48, 4, 24, 7, ?, 10, 2
 (1) 8 (2) 2
 (3) 18 (4) 12

(SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 06.12.2015
 (Ist Sitting) TF No. 1375232)

- 329.** 4, ?, 19, 39, 79, 159
 (1) 10 (2) 8
 (3) 12 (4) 9

(SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 06.12.2015
 (Ist Sitting) TF No. 1375232)

- 330.** 16, 30, ?, 79, 114
 (1) 45 (2) 49
 (3) 63 (4) 51

(SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 06.12.2015
 (Ist Sitting) TF No. 1375232)

- 331.** 6, 2, 9, 4, 12, __, __
 (1) 8, 24 (2) 13, 15
 (3) 4, 13 (4) 6, 15

(SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 06.12.2015
 (IInd Sitting) TF No. 3441135)

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- 332.** -1, 0, 3, 8, 15, ?
 (1) 25 (2) 26
 (3) 23 (4) 24
 (SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 06.12.2015 (IInd Sitting) TF No. 3441135)
- 333.** 1001, 1004, 1012, 1027, ?
 (1) 1051 (2) 1050
 (3) 1048 (4) 1036
 (SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 20.12.2015 (Ist Sitting) TF No. 9692918)
- 334.** 8, 13, 18, 23, ?, 33, 38
 (1) 28 (2) 23
 (3) 26 (4) 33
 (SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 20.12.2015 (Ist Sitting) TF No. 9692918)
- 335.** 8, 24, ?, 80, 120
 (1) 48 (2) 40
 (3) 54 (4) 72
 (SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 20.12.2015 (Ist Sitting) TF No. 9692918)
- 336.** 15, 21, 57, ?, 221
 (1) 96 (2) 108
 (3) 121 (4) 126
 (SSC (10+2) Stenographer Grade 'C' & 'D' Exam. 31.01.2016 TF No. 3513283)
- 337.** 720, 180, 176, 44, 40, 10, ?, ?
 (1) 6, 2 (2) 4, 2
 (3) 6, 4 (4) 8, 6
 (SSC (10+2) Stenographer Grade 'C' & 'D' Exam. 31.01.2016 TF No. 3513283)
- 338.** 5, 10, 20, 40, 80, ?
 (1) 120 (2) 140
 (3) 150 (4) 160
 (SSC (10+2) Stenographer Grade 'C' & 'D' Exam. 31.01.2016 TF No. 3513283)
- Directions (339-341) :** In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
 (SSC (10+2) Stenographer Grade 'C' & 'D' Exam. 31.07.2016)
- 339.** 5, 8, 16, 19, 38, 41, ?
 (1) 80 (2) 40
 (3) 82 (4) 44
- 340.** 826, 480, 346, 134, ?
 (1) 61 (2) 212
 (3) 126 (4) 83
- 341.** 78, 155, 309, ?, 1233
 (1) 1230 (2) 1000
 (3) 617 (4) 625
- 342.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
 6, 10, 18, 34, ?, 130
 (1) 78 (2) 52
 (3) 66 (4) 94
 (SSC CGL Tier-I (CBE) Exam.10.09.2016)
- 343.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
 1, 2, 4, 7, ?, 16
 (1) 14 (2) 8
 (3) 11 (4) 15
 (SSC CGL Tier-I (CBE) Exam.11.09.2016) (Ist Sitting)
- 344.** In the following question, a series is given with one or more number(s)/alphabet missing. Choose the correct alternative from the given options.
 7, 10, 19, 22, 31, ?
 (1) 32 (2) 34
 (3) 36 (4) 44
 (SSC CPO SI, ASI Online Exam.05.06.2016) (IInd Sitting)
- 345.** In the following question, a series is given with one number missing. Choose the correct alternative from the given options.
 16, 33, 53, 76, 102, ?
 (1) 131 (2) 135
 (3) 230 (4) 231
 (SSC CPO SI, ASI Online Exam.05.06.2016) (IInd Sitting)
- 346.** Observe the series and figure out the pattern used to form it. What will be the next term of the series?
 1, 3, 6, 10, 15,, ?
 (1) 32 (2) 36
 (3) 42 (4) 34
 (SSC CPO SI, ASI Online Exam.05.06.2016) (IInd Sitting)
- 347.** Observe the series and figure out the pattern used to form it. What will be the 3rd term of the series?
 1, 5, ?, 22, 35
 (1) 11 (2) 14
 (3) 10 (4) 12
 (SSC CPO SI, ASI Online Exam.05.06.2016) (IInd Sitting)
- 348.** In the following question, a series is given with one number missing. Choose the correct alternative from the given options.
 1, 9, 25, 49, ?
 (1) 83 (2) 91
 (3) 121 (4) 73
 (SSC CPO Exam. 06.06.2016) (Ist Sitting)
- 349.** In the following question, a series is given with one number missing. Choose the correct alternative from the given options.
 1, 2, 2, 4, 8, 32, ?
 (1) 128 (2) 198
 (3) 256 (4) 312
 (SSC CPO Exam. 06.06.2016) (Ist Sitting)
- 350.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
 206, 221, 251, 296, ?, 431
 (1) 326 (2) 356
 (3) 311 (4) 341
 (SSC CHSL (10+2) Tier-I (CBE) Exam. 08.09.2016) (Ist Sitting)
- 351.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
 4, 9, 16, 25, 36, ?
 (1) 49 (2) 56
 (3) 21 (4) 94
 (SSC CGL Tier-I (CBE) Exam. 09.09.2016) (Ist Sitting)
- Directions (352-353) :** In each of the following questions, a series is given, with one/two term missing. Choose the correct alternative from the given ones that will complete the series.
 (SSC CAPFs (CPO) SI & ASI, DP Exam. 20.03.2016) (IInd Sitting)
- 352.** 6, 6, 10, 11, 14, 16, 18, ?
 (1) 23 (2) 19
 (3) 21 (4) 20
- 353.** 4, 6, 8, 12, 14, 18, 20, 24, 30, ?, ?
 (1) 32, 34 (2) 34, 36
 (3) 32, 38 (4) 32, 33
- 354.** In the following question, a series is given with one or more number (s) missing. Choose the correct alternative from the given options.
 0.2, 0.16, 0.072, 0.0256, ?
 (1) 0.0016 (2) 0.004
 (3) 0.00512 (4) 0.008
 (SSC CAPFs (CPO) SI & ASI, DP Exam. 05.06.2016) (Ist Sitting)

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- 355.** In the following question, a series is given with one or more number(s) missing. Choose the correct alternative from the given options.
7, 51, 8, 65, 9, ?
(1) 79 (2) 80
(3) 81 (2) 82
(SSC CAPFs (CPO) SI & ASI, DP Exam. 05.06.2016) (Ist Sitting)
- 356.** In the following question, a series is given with one or more number(s) missing. Choose the correct alternative from the given options.
?, 5, 30, 186, 1309, 10480
(1) 0.25 (2) 0.75
(3) 1.00 (4) 0
(SSC CPO SI & ASI, Online Exam. 06.06.2016) (IInd Sitting)
- 357.** In the following question, a series is given with one or more number(s) missing. Choose the correct alternative from the given options.
22, 22, 23, 20, 16, 17, 17, ?, ?, 8
(1) 18, 9 (2) 12, 13
(3) 10, 9 (4) 13, 10
(SSC CPO SI & ASI, Online Exam. 06.06.2016) (IInd Sitting)
- 358.** A series is given with one term missing, choose the correct alternative from the given ones that will complete the series.
19, 28, 39, 52, ?, 84
(1) 39 (2) 52
(3) 67 (4) 84
(SSC CGL Tier-I (CBE) Exam. 27.08.2016) (Ist Sitting)
- 359.** Find the missing term in the given series :
2 7 10 22 18 37 26 ?
(1) 42 (2) 52
(3) 46 (4) 62
(SSC CGL Tier-I (CBE) Exam. 27.08.2016) (IInd Sitting)
- 360.** Find the missing term in the given series :
4 12 48 240
1440 ?
(1) 7620 (2) 10080
(3) 6200 (4) 10020
(SSC CGL Tier-I (CBE) Exam. 27.08.2016) (IInd Sitting)
- 361.** Which number comes next in the series ?
1, 5, 2, 6, 3, 7, ?
(1) 6 (2) 5
(3) 4 (4) 3
(SSC CGL Tier-I (CBE) Exam. 28.08.2016) (IInd Sitting)
- 362.** Find the missing number in the series
2, 3, 8, ?, 112, 565
(1) 565 (2) 112
(3) 27 (4) 8
(SSC CGL Tier-I (CBE) Exam. 29.08.2016) (IInd Sitting)
- 363.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
463, 452, 439, 424, ?
(1) 407 (2) 413
(3) 419 (4) 411
(SSC CGL Tier-I (CBE) Exam. 30.08.2016) (Ist Sitting)
- 364.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
1, 3, 7, 13, 21, ?
(1) 27 (2) 29
(3) 31 (4) 33
(SSC CGL Tier-I (CBE) Exam. 31.08.2016) (Ist Sitting)
- 365.** Find the missing number in the following series :
43, 172, 86, 344, ?
(1) 172 (2) 258
(3) 129 (4) 430
(SSC CGL Tier-I (CBE) Exam. 01.09.2016) (Ist Sitting)
- 366.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
2, 7, 14, 23, 34, ?
(1) 47 (2) 39
(3) 42 (4) 46
(SSC CGL Tier-I (CBE) Exam. 02.09.2016) (Ist Sitting)
- 367.** Find the missing number from the given alternatives :
1 4 2 3 2 ?
(1) 2 (2) 5
(3) 3 (4) 4
(SSC CGL Tier-I (CBE) Exam. 02.09.2016) (IInd Sitting)
- 368.** Find the missing number from the given alternatives :
0 4 18 48 ? 180
(1) 58 (2) 68
(3) 84 (4) 100
(SSC CGL Tier-I (CBE) Exam. 02.09.2016) (IInd Sitting)
- 369.** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
124, 235, 346, 457, ?
(1) 455 (2) 465
(3) 565 (4) 568
(SSC CGL Tier-I (CBE) Exam. 03.09.2016) (IInd Sitting)
- 370.** Which number will complete the series ?
63, 72, 81, 90, ____, 108
(1) 80 (2) 99
(3) 100 (4) 117
(SSC CGL Tier-I (CBE) Exam. 04.09.2016) (Ist Sitting)
- 371.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
206, 309, 412, ?, 618, 721
(1) 751 (2) 749
(3) 515 (4) 514
(SSC CGL Tier-I (CBE) Exam. 06.09.2016) (Ist Sitting)
- 372.** Find the missing number in the series :
219, 211, 204, 198, ?, 189
(1) 189 (2) 192
(3) 193 (4) 196
(SSC CGL Tier-I (CBE) Exam. 07.09.2016) (Ist Sitting)
- 373.** Which one number when placed at the sign of interrogation shall complete the series ?
3, 6, 18, 72, ?, 2160
(1) 144 (2) 216
(3) 288 (4) 360
(SSC CGL Tier-I (CBE) Exam. 30.08.2016) (IInd Sitting)
- 374.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
100, 50, 52, 26, 28, ? , 16, 8
(1) 14 (2) 30
(3) 32 (4) 38
(SSC CGL Tier-I (CBE) Exam. 31.08.2016) (IInd Sitting)
- 375.** Select the missing numbers from the given alternatives.
12 8 4 8 4 12 4 12 8 100 44 ?
(1) 80 (2) 56
(3) 48 (4) 36
(SSC CGL Tier-I (CBE) Exam. 31.08.2016) (IInd Sitting)

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- 376.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
10, 18, 28, 40, ?
(1) 58 (2) 46
(3) 52 (4) 54
(SSC CGL Tier-I (CBE)
Exam. 01.09.2016) (1st Sitting)
- 377.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
5, 9, 6, 11, 7, 2
(1) 13 (2) 15
(3) 17 (4) 19
(SSC CGL Tier-I (CBE)
Exam. 02.09.2016) (1st Sitting)
- 378.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
6, 12, 36, 144, 720, 4320, ?
(1) 30420 (2) 30240
(3) 31240 (4) 32240
(SSC CGL Tier-I (CBE)
Exam. 28.08.2016) (1st Sitting)
- 379.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
8, 15, 28, 53, ?
(1) 106 (2) 100
(3) 108 (4) 102
(SSC CGL Tier-I (CBE)
Exam. 29.08.2016) (1st Sitting)
- 380.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
5, 9, 13, 17, ?, 25
(1) 27 (2) 23
(3) 21 (4) 19
(SSC CGL Tier-I (CBE)
Exam. 30.08.2016) (1Ind Sitting)
- 381.** Which number will complete the series?
14, 27, 52, 101, 198, ?
(1) 381 (2) 395
(3) 391 (4) 394
(SSC CGL Tier-I (CBE)
Exam. 01.09.2016) (1Ind Sitting)
- 382.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
6, 11, 21, 36, 56, ?
(1) 42 (2) 51
(3) 81 (4) 91
(SSC CGL Tier-I (CBE)
Exam. 02.09.2016) (1Ind Sitting)
- 383.** Which number will complete the series?
1, 8, 27, 64, 125, 216, ____
(1) 354 (2) 343
(3) 392 (4) 245
(SSC CGL Tier-I (CBE)
Exam. 03.09.2016) (1Ind Sitting)
- 384.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
5, 10, 30, ?, 600, 3600
(1) 120 (2) 100
(3) 90 (4) 60
(SSC CGL Tier-I (CBE)
Exam. 04.09.2016) (1Ind Sitting)
- 385.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
5, 11, 17, 25, 33, 43, ?
(1) 49 (2) 51
(3) 52 (4) 53
(SSC CGL Tier-I (CBE)
Exam. 06.09.2016) (1Ind Sitting)
- 386.** Which number will complete the series?
6, 8, 17, 19, 28, 30, ?
(1) 32 (2) 37
(3) 38 (4) 39
(SSC CGL Tier-I (CBE)
Exam. 08.09.2016) (1Ind Sitting)
- 387.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
3, 4, 7, ?, 18, 29, 47
(1) 8 (2) 9
(3) 11 (4) 12
(SSC CGL Tier-I (CBE)
Exam. 09.09.2016) (1Ind Sitting)
- 388.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
41, 43, 47, 53, ?
(1) 59 (2) 63
(3) 61 (4) 65
(SSC CGL Tier-I (CBE)
Exam. 10.09.2016) (1Ind Sitting)
- 389.** The missing number in the given series is :
15 (105) 14, 13 (?) 12
(1) 91 (2) 78
(3) 65 (4) 68
(SSC CGL Tier-I (CBE)
Exam. 10.09.2016) (1Ind Sitting)
- 390.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
5, 11, 24, 51, 106, ____?
(1) 122 (2) 217
(3) 120 (4) 153
(SSC CGL Tier-I (CBE)
Exam. 11.09.2016) (1Ind Sitting)
- 391.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
9, 21, 45, 93, ?, 381
(1) 189 (2) 198
(3) 188 (4) 112
(SSC CGL Tier-I (CBE)
Exam. 04.09.2016) (1Ind Sitting)
- 392.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
(3, 5), (5, 7), (?), (11, 13)
(1) (7, 9) (2) (7, 11)
(3) (9, 11) (4) (9, 13)
(SSC CGL Tier-I (CBE)
Exam. 06.09.2016) (1Ind Sitting)
- 393.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
5, 10, 13, 26, 29, 58, 61, ?
(1) 122 (2) 125
(3) 128 (4) 64
(SSC CGL Tier-I (CBE)
Exam. 07.09.2016) (1Ind Sitting)
- 394.** Which number will complete the series :
0, 1, 4, 15, ?, 325, 1956
(1) 60 (2) 64
(3) 75 (4) 80
(SSC CGL Tier-I (CBE)
Exam. 08.09.2016) (1Ind Sitting)
- 395.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
8, 24, 12, ?, 18, 54
(1) 48 (2) 36
(3) 29 (4) 21
(SSC CGL Tier-I (CBE)
Exam. 09.09.2016) (1Ind Sitting)
- 396.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
68, 72, 65, 69, 62, 66, 2
(1) 59 (2) 61
(3) 68 (4) 75
(SSC CGL Tier-I (CBE)
Exam. 10.09.2016) (1Ind Sitting)

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TYPE-II

Directions : In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

- 397.** Which number will complete the series?
11, 13, 17, 19, 23, 25, ___
(1) 25 (2) 27
(3) 29 (4) 31
(SSC CGL Tier-I (CBE)
Exam. 11.09.2016) (IInd Sitting)
- 398.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
70, 62, 65, 57, ?, 52, 55
(1) 67 (2) 60
(3) 47 (4) 37
(SSC CGL Tier-I (CBE)
Exam. 27.10.2016) (1st Sitting)
- 399.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
1, 6, 15, ?, 45, 66
(1) 26 (2) 24
(3) 28 (4) 23
(SSC CGL Tier-I (CBE)
Exam. 27.10.2016) (IInd Sitting)
- 400.** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
30, 62, 189, 760, ?
(1) 3306 (2) 1157
(3) 2185 (4) 3805
(SSC CHSL (10+2) Tier-I (CBE)
Exam. 15.01.2017) (IInd Sitting)
- 401.** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
?, 9, 19, 39, 79
(1) 4 (2) 9
(3) 7 (4) 6
(SSC CHSL (10+2) Tier-I (CBE)
Exam. 16.01.2017) (IInd Sitting)
- 402.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series .
5, 11, 24, 51, 106, ___?
(1) 122 (2) 217
(3) 120 (4) 153
(SSC CGL Tier-I (CBE)
Exam. 11.09.2016) (1st Sitting)
- 403.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
6, 12, 20, 30, 42, ?
(1) 53 (2) 52
(3) 56 (4) 50
(SSC Multi-Tasking Staff
Exam. 30.04.2017 1st Sitting)

- 1. ABC FGH LMN - - -**
(1) IJK (2) OPO
(3) STU (4) RST
(SSC Combined Graduate Level Prelim
Exam. 4.02.2002 (1st Sitting))
- 2. DHL, PTX, BFJ, ?**
(1) NRV (2) RVZ
(3) CGK (4) KOS
(SSC Combined Graduate Level
Prelim Exam. 24.02.2002
(Second Sitting))
- 3. CAT, FDW, IGZ, ?**
(1) KTC (2) KJA
(3) LHD (4) LJC
(SSC CPO Sub-Inspector
Exam. 12.01.2003)
- 4. WYV, ?, IKH, BDA**
(1) OPR (2) ROP
(3) PRO (4) OQN
(SSC Combined Graduate Level
Prelim Exam. 11.05.2003 (First
Sitting))
- 5. a, c, f, j, ?, ?**
(1) ou (2) mo
(3) lp (4) rv
(SSC CPO Sub-Inspector
Exam. 07.09.2003)
- 6. QYK, ?, ISG, EPE**
(1) NWJ (2) MVI
(3) NVI (4) MVJ
(SSC CPO Sub-Inspector
Exam. 07.09.2003)
- 7. DIB, HMF, LQJ, ?**
(1) OTM (2) QVO
(3) PVO (4) PUN
(SSC Combined Graduate Level
Prelim Exam. 08.02.2004
(First Sitting))
- 8. NOA, PQB, RSC, ?**
(1) TUD (2) DTU
(3) ENO (4) FNO
(SSC Combined Graduate Level Prelim
Exam. 08.02.2004 (IInd Sitting))
- 9. T, R, P, N, L, ?, ?**
(1) J, G (2) K, I
(3) J, H (4) K, H
(SSC CPO Sub-Inspector
Exam. 05.09.2004)
- 10. ADG, GJM, MPS, ?**
(1) SVW (2) SVY
(3) SUW (4) SWY
(SSC CPO Sub-Inspector
Exam. 05.09.2004)

- 11. A, D, H, M, ?, Z**
(1) B (2) G
(3) S (4) N
(SSC CPO Sub-Inspector
Exam. 26.05.2005)
- 12. BMO, EOQ, HQS, ___ ? ___**
(1) SOW (2) LMN
(3) KSU (4) SOV
(SSC Combined Graduate Level
Prelim Exam. 13.11.2005
(First Sitting))
- 13. CGK, EJP, GMU, ?**
(1) IRT (2) IPZ
(3) FNV (4) JLN
(SSC Combined Graduate Level
Prelim Exam. 13.11.2005
(Second Sitting))
- 14. NOABOPBCPOCD ? ? ? ?**
(1) QRDE (2) RTEF
(3) OSDE (4) QRGI
(SSC CPO Sub-Inspector
Exam. 03.09.2006)
- 15. KDW, MGT, OJQ, ?**
(1) MNQ (2) QNM
(3) NMQ (4) QMN
(SSC CPO Sub-Inspector
Exam. 03.09.2006)
- 16. ADH, DGK, GJN, ?**
(1) ORV (2) JMP
(3) JLM (4) JMQ
(SSC Combined Graduate Level
Prelim Exam. 04.02.2007
(First Sitting))
- 17. AGM, BHN, CIO, ?**
(1) COU (2) FQK
(3) DJP (4) QXD
(SSC Combined Graduate Level
Prelim Exam. 04.02.2007
(Second Sitting))
- 18. DFI, KMP, ? , YAD**
(1) QSV (2) RTW
(3) SUX (4) RTV
(SSC CPO Sub-Inspector
Exam. 16.12.2007)
- 19. WVTSQPNMKJ ? ?**
(1) HG (2) IL
(3) GH (4) GF
(SSC CPO Sub-Inspector
Exam. 16.12.2007)
- 20. ZCBA, YFED, XIHG, ?**
(1) WLKM (2) WJKL
(3) WKLJ (4) WLKJ
(SSC Combined Graduate Level
Prelim Exam. 27.07.2008
(First Sitting))
- 21. DWEV, FUGT, HSIR, ?**
(1) JKQP (2) JPQK
(3) JQKP (4) JPKQ
(SSC Combined Graduate Level Prelim
Exam. 27.07.2008 (Second- Sitting))

| SERIES |

22. FNC, HQG, JTK, ?
 (1) L XO (2) L MO
 (3) K MT (4) L WO
 (SSC CPO Sub-Inspector Exam. 09.11.2008)
23. AMV, FOX, KUZ, ?
 (1) P YB (2) O XA
 (3) N YB (4) M YB
 (SSC CPO Sub-Inspector Exam. 06.09.2009)
24. Find the next two letters in the given series.
 B C E H L ? ?
 (1) X Y (2) M N
 (3) Q W (4) O P
 (SSC Combined Graduate Level Tier-1 Exam. 16.05.2010 (First Sitting))
25. AGMSY, CIOUA, EKQWC, ?, IOUAG, KQWCI
 (1) GMSYE (2) FMSYE
 (3) GNSYD (4) FMYES
 (SSC Combined Graduate Level Tier-1 Exam. 16.05.2010 (First Sitting))
26. a, r, c, s, e, t, g, ?, ?
 (1) x, z (2) u, i
 (3) w, y (4) v, b
 (SSC Combined Graduate Level Tier-1 Exam. 16.05.2010 (Second Sitting))
27. (?), PSVYB, EHKNQ, TWZCF, ILORU
 (1) BEHKN (2) ADGJM
 (3) SVYBE (4) ZCFIL
 (SSC Combined Graduate Level Tier-1 Exam. 16.05.2010 (Second Sitting))
28. CFI, IKM, OPO, ?
 (1) UUU (2) UST
 (3) VUS (4) TUV
 (SSC SAS Exam. 26.06.2010 (Paper-I))
29. Series : $\frac{AB}{C}, \frac{ZY}{X}, \frac{DE}{F}, \frac{WV}{U}, \frac{GH}{I}, \frac{?}{?}$
 (1) $\frac{SR}{Q}$ (2) $\frac{TS}{R}$
 (3) $\frac{ST}{R}$ (4) $\frac{RS}{Q}$
 (SSC SAS Exam. 26.06.2010 (Paper-I))
30. $\frac{W}{S}, \frac{U}{O}, \frac{S}{K}, \frac{Q}{G}, ?$
- (1) P/R (2) C/O
 (3) R/J (4) O/C
 (SSC CISF ASI Exam. 29.08.2010 (Paper-I))
31. HIIJ, IJJK, JKKL, KLLM, LMMN, ?
 (1) LNNO (2) MNPN
 (3) NOOP (4) MNNO
 (SSC CISF ASI Exam. 29.08.2010 (Paper-I))
32. BDFH, IKMO, PRTV, ?
 (1) WYAC (2) WXYA
 (3) WXYZ (4) WYXA
 (SSC CPO Sub-Inspector Exam. 12.12.2010 (Paper-I))
33. ? DREQ, GUHT, JXKW
 (1) EFRS (2) TGSF
 (3) JWVI (4) AOBN
 (SSC Combined Graduate Level Prelim Exam. 19.06.2011 (First Sitting))
34. WTPMIFB ? ?
 (1) ZV (2) XU
 (3) YU (4) YV
 (SSC Combined Graduate Level Prelim Exam. 19.06.2011 (First Sitting))
35. BMRG, DLTF, FKVE, HJXD, ?
 (1) JIZC (2) JZIB
 (3) GIFB (4) MOLC
 (SSC Combined Graduate Level Prelim Exam. 19.06.2011 (Second Sitting))
36. XYZCBAUVWFE ? ?
 (1) DR (2) RS
 (3) DS (4) MN
 (SSC Combined Graduate Level Tier-1 Exam. 26.06.2011 (First Sitting))
37. MNOABCPQRDEFST ??
 (1) GK (2) UV
 (3) GH (4) UG
 (SSC Combined Graduate Level Tier-1 Exam. 26.06.2011 (Second Sitting))
38. WORLD, XPSME, ?, ZRUOG
 (1) YQTNF (2) YRTNF
 (3) YQNF (4) YQNTF
 (SSC CPO (SI, ASIn & Intelligence Officer) Exam. 28.08.2011 (Paper-I))
39. DEF, HIJ, MNO, ?
 (1) IKJ (2) STU
 (3) OPQ (4) XYZ
 (SSC Combined Matric Level (PRE) Exam. 24.10.1999 (1st Sitting))
40. WV, PO, IH, BA, ?
 (1) ST (2) RS
 (3) UT (4) UV
 (SSC Combined Matric Level (PRE) Exam. 24.10.1999 (1st Sitting))
41. b, c, f, g, j, k, ?
 (1) p (2) o
 (3) n (4) m
 (SSC Combined Matric Level (PRE) Exam. 24.10.1999 (1st Sitting))
42. ZTW, YSV, XRU, ?
 (1) WTOQ (2) QTW
 (3) WQT (4) WQS
 (SSC Combined Matric Level (PRE) Exam. 24.10.1999 (1st Sitting))
43. DF, GJ, KM, NQ, RT, ?
 (1) EI (2) UX
 (3) UV (4) XY
 (SSC Combined Matric Level (PRE) Exam. 24.10.1999 (1st Sitting))
44. G, I, L, P, ?
 (1) E (2) U
 (3) O (4) X
 (SSC Combined Matric Level (PRE) Exam. 24.10.1999 (1st Sitting))
45. A E I M ? U
 (1) Q (2) P
 (3) N (4) O
 (SSC Combined Matric Level (PRE) Exam. 21.05.2000 (1st Sitting) (East Zone))
46. V, T, ?, P, N
 (1) S (2) Q
 (3) O (4) R
 (SSC Combined Matric Level (PRE) Exam. 21.05.2000 (1st Sitting) (Raipur, Madhya Pradesh))
47. ?, HJL, NPR, TVX, ZBD
 (1) BDF (2) BFD
 (3) BED (4) CFI
 (SSC Combined Matric Level (PRE) Exam. 21.05.2000 (1st Sitting) (Raipur, Madhya Pradesh))
48. aAbb, bBcc, cCdd, dDee, eEff, ?
 (1) fFhh (2) fFgg
 (3) gHii (4) fHii
 (SSC Combined Matric Level (PRE) Exam. 21.05.2000 (1st Sitting) (Raipur, Madhya Pradesh))
49. B, E, I, L, P, ?
 (1) T (2) U
 (3) S (4) R
 (SSC Combined Matric Level (PRE) Exam. 21.05.2000 (1st Sitting) (Middle Zone))

| SERIES |

50. AB, DEF, HIJK, ?, STUVWX

- (1) LMNOP (2) LMNOR
(3) MNOPO (4) QRSTU

(SSC Combined Matric Level (PRE) Exam.
21.05.2000 (Ist Sitting)
(Middle Zone)

51. OTE, PUF, QVG, RWH, ?

- (1) SXI (2) SYJ
(3) TXJ (4) SXJ

(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (Ist Sitting)
(Middle Zone)

52. QRE, RSD, STC, ?

- (1) YZB (2) BNE
(3) TUB (4) TUA

(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (IInd Sitting)
(Middle Zone, Allahabad)

53. D, F, I, M, ?, X

- (1) A (2) H
(3) R (4) U

(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (IInd Sitting)
(Middle Zone, Allahabad)

54. AOP, CQR, EST, GUV, ?

- (1) IYZ (2) HWX
(3) IWX (4) JWX

(SSC Combined Matric Level (PRE)
Exam. 13.05.2001 (Ist Sitting)

55. D, H, L, R, ?

- (1) T (2) X
(3) I (4) O

(SSC Combined Matric Level (PRE)
Exam. 13.05.2001 (Ist Sitting)

56. BFH, ZDF, JNP, T, ?

- (1) WX (2) XY
(3) ZA (4) XZ

(SSC Combined Matric Level (PRE)
Exam. 13.05.2001 (Ist Sitting)

57. Z, W, T, ?, N, K

- (1) R (2) P
(3) Q (4) S

(SSC Combined Matric Level (PRE) Exam.
13.05.2001 (IInd Sitting)

58. B, E, I, N, ?

- (1) O (2) S
(3) T (4) U

(SSC Combined Matric Level (PRE)
Exam. 13.05.2001 (IInd Sitting)

59. CDE, IJK, NOP, ?

- (1) FGH (2) RST
(3) TUV (4) QRS

(SSC Combined Matric Level (PRE)
Exam. 13.05.2001 (IInd Sitting)

60. YXW, UTS, QPO, ML __, __HG

- (1) LM (2) JI
(3) KI (4) IH

(SSC Combined Matric Level (PRE)
Exam. 13.05.2001 (IInd Sitting)

61. CEG, IKM, OQS, ?

- (1) TVX (2) UWY
(3) UWZ (4) TVW

(SSC Combined Matric Level (PRE)
Exam. 27.05.2001 (IInd Sitting)
(East Zone)

62. A, B, D, G, ?

- (1) I (2) J
(3) K (4) L

(SSC Combined Matric Level (PRE)
Exam. 27.05.2001 (IInd Sitting)
(East Zone)

63. a d c f ? h g ? i

- (1) j e (2) f j
(3) e k (4) e j

(SSC Combined Matric Level (PRE)
Exam. 27.05.2001 (IInd Sitting)
(East Zone)

64. BDF, JLN, PRT, ?

- (1) WXY (2) VXY
(3) UWY (4) VWX

(SSC Combined Matric Level (PRE)
Exam. 27.05.2001 (IInd Sitting)
(East Zone)

65. Z, T, O, K, H, ?

- (1) G (2) F
(3) E (4) C

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(Eastern Zone, Guwahati)

66. I, W, K, U, M, S, O, Q, ?

- (1) P (2) L
(3) Q (4) M

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(Eastern Zone, Guwahati)

67. Q, N, K, H, E, ?

- (1) R (2) B
(3) C (4) A

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (IInd Sitting)
(Eastern Zone, Guwahati)

68. C, A, F, D, I, ?, L

- (1) G (2) H
(3) J (4) K

(SSC Combined Matric Level (PRE) Exam.
05.05.2002 (IInd Sitting) (Eastern Zone,
Guwahati)

69. B, D, F, I, L, P, ?

- (1) U (2) R
(3) S (4) T

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(North Zone, Delhi)

70. C, E, I, K, O, Q, ?

- (1) R (2) S
(3) T (4) U

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(North Zone, Delhi)

71. A C B E C G D ? ?

- (1) H E (2) E I
(3) I E (4) F E

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (Ist Sitting)
(North Zone, Delhi)

72. B, F, J, N, R, V, Z, D, H, L, ?

- (1) M (2) O
(3) P (4) T

(SSC Combined Matric Level (Pre)
Exam. 05.05.2002 (IInd Sitting)
(North Zone Delhi)

73. F, L, Q, U, X, ?

- (1) B (2) Z
(3) Y (4) A

(SSC Combined Matric Level (Pre)
Exam. 05.05.2002 (IInd Sitting)
(North Zone Delhi)

74. A, Z, C, X, E, ?

- (1) U (2) W
(3) V (4) Y

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (Ist Sitting)

75. AB, DC, EF, HG, IJ, LK, ?

- (1) LM (2) NM
(3) MN (4) ML

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (IInd Sitting)

76. CGK, FJN, IMQ, ?

- (1) SPL (2) NIH
(3) LPT (4) QLP

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (IInd Sitting)

77. PBA, QDC, RFE, ?

- (1) SHG (2) OAB
(3) TJI (4) ULK

(SSC Combined Matric Level (Pre)
Exam. 16.06.2002 (Re-Exam)

78. Z, X, ?, N, F

- (1) T (2) R
(3) Q (4) O

(SSC Combined Matric Level (Pre)
Exam. 16.06.2002 (Re-Exam)

79. AYBZC, DWEXF, GUHVI, JSKTL,
(?)

- (1) MQORN (2) QMONR
(3) MQNRO (4) NQMOR

(SSC Combined Matric Level (Pre)
Exam. 16.06.2002 (Re-Exam)

80. AND, EAR, INK, OLD ?

- (1) URN (2) AGE
(3) DOG (4) OIL

(SSC Combined Matric Level (Pre) Exam.
30.07.2006 (Ist Sitting) (East Zone)

81. BAT, EAT, HAT, ?

- (1) CAT (2) FAT
(3) RAT (4) KAT

(SSC Combined Matric Level (Pre)
Exam. 30.07.2006 (IInd Sitting)
(Central Zone)

| SERIES |

- 82. AC, FH, ?M**
 (1) I (2) J
 (3) K (4) L
 SSC Combined Matric Level (Pre)
 Exam. 30.07.2006 (IInd Sitting)
 (Central Zone)
- 83. Y V S P M ? ?**
 (1) J (2) K
 (3) L (4) I
 SSC Combined Matric Level (Pre)
 Exam. 30.03.2008 (1st Sitting)
- 84. XYZ, ABC, UVW, DEF, RST, GHI, ?**
 (1) UVW (2) JKL
 (3) OPQ (4) NOP
 SSC Combined Matric Level (Pre)
 Exam. 30.03.2008 (1st Sitting)
- 85. DGJ, FIL, HKN, JMP, ?**
 (1) LON (2) LOR
 (3) LOQ (4) LOM
 SSC Data Entry Operator
 Exam. 31.08.2008
- 86. AE, FJ, ? ?, PT**
 (1) MN (2) UV
 (3) KO (4) YZ
 SSC Data Entry Operator
 Exam. 02.08.2009
- 87. BDF, HJL, NPR, ?**
 (1) TRP (2) TVY
 (3) TVX (4) UWX
 SSC Data Entry Operator
 Exam. 02.08.2009
- 88. N O A B O P B C P Q C D ? ? ? ?**
 (1) QRDE (2) RTEF
 (3) QSDE (4) ORGI
 SSC Stenographer (Grade 'C' & 'D')
 Exam. 26.09.2010
- 89. H J M Q ?**
 (1) A (2) W
 (3) S (4) V
 SSC Stenographer (Grade 'C' & 'D')
 Exam. 26.09.2010
- 90. BDF, KMO, TVX, ?**
 (1) CEG (2) UVW
 (3) XYZ (4) ACE
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 27.11.2010)
- 91. ZXUQL ?**
 (1) F (2) E
 (3) G (4) H
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 27.11.2010)
- 92. ZXV, TRP, NLJ ?**
 (1) IGF (2) HDF
 (3) HGE (4) HFD
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 28.11.2010 (1st sitting))
- 93. BDF, ? , PRT, WYA**
 (1) GJK (2) HKL
 (3) IKM (4) IJK
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 28.11.2010 (IInd sitting))
- 94. A C F J O ? B**
 (1) I (2) H
 (3) U (4) D
 (SSC Higher Secondary Level
 Data Entry Operator & LDC
 Exam. 28.11.2010 (IInd sitting))
- 95. XUROLI ? ?**
 (1) HG (2) HE
 (3) FC (4) GE
 (SSC Stenographer Grade 'C' & 'D')
 Exam. 09.01.2011)
- 96. ABCDE, BDAEC, DEBCA, ?**
 (1) EACDB (2) ECADB
 (3) EDCAB (4) ECDAB
 (SSC Stenographer Grade 'C' & 'D')
 Exam. 09.01.2011)
- 97. ASY, BRX, CQW, ?**
 (1) DVP (2) DPV
 (3) PDV (4) PQD
 (SSC Multi-Tasking (Non-Technical)
 Staff Exam. 20.02.2011)
- 98. Y, S, N, J, G, ?**
 (1) F (2) E
 (3) H (4) I
 (SSC Multi-Tasking (Non-Technical)
 Staff Exam. 20.02.2011)
- 99. D, F, I, M, ?**
 (1) P (2) Q
 (3) R (4) T
 (SSC Multi-Tasking (Non-Technical)
 Staff Exam. 27.02.2011)
- 100. AEI, BFJ, CGK, ?**
 (1) DHL (2) DLH
 (3) EIM (4) LPT
 (SSC Multi-Tasking (Non-Technical)
 Staff Exam. 27.02.2011)
- 101. KiD, NkH, QmL, ToP, ?**
 (1) WqT (2) UqS
 (3) WvS (4) VrT
 (SSC Stenographer (Grade 'C' & 'D')
 Exam. 16.10.2011)
- 102. A Z B Y C ? ?**
 (1) XD (2) WE
 (3) DX (4) EW
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 04.12.2011
 (1st Sitting (North Zone))
- 103. YXW, UTS, QPO, MLK, ?**
 (1) LMN (2) JIH
 (3) KJI (4) IHG
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 04.12.2011
 (1st Sitting (North Zone))
- 104. AD, EH, IL, ? , QT**
 (1) LM (2) MN
 (3) MP (4) OM
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 04.12.2011
 (IInd Sitting (North Zone))
- 105. ABCD, IJKL, QRST, ?**
 (1) YZAB (2) ABYZ
 (3) BAZY (4) YAZB
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 04.12.2011
 (IInd Sitting (North Zone))
- 106. BE, HK, NO, ?**
 (1) PR (2) SU
 (3) TW (4) UW
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 04.12.2011
 (1st Sitting (East Zone))
- 107. AZBY, CXDW, EVFU, ?**
 (1) ITGS (2) GSIT
 (3) GISI (4) GTHS
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 04.12.2011
 (1st Sitting (East Zone))
- 108. T, R, P, N, L, ? ?, ?**
 (1) J, G (2) J, H
 (3) K, H (4) K, I
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 04.12.2011
 (IInd Sitting (East Zone))
- 109. CDE, IJK, NOP, ?**
 (1) FGH (2) RST
 (3) TUV (4) QRS
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 04.12.2011
 (IInd Sitting (East Zone))
- 110. Y, S, U, O, Q, ? ?**
 (1) N O (2) L M
 (3) J K (4) H I
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 11.12.2011
 (1st Sitting (Delhi Zone))
- 111. EAC, GCE, IEG, ?**
 (1) JHI (2) KGI
 (3) JGI (4) KIJ
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 11.12.2011
 (1st Sitting (Delhi Zone))
- 112. FLU, GMV, HNW, IOX, ?**
 (1) JYP (2) WYP
 (3) WPY (4) JPY
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 11.12.2011
 (IInd Sitting (Delhi Zone))
- 113. A, P, C, Q, E, R, G, ? , ?**
 (1) S I (2) H I
 (3) I S (4) T J
 (SSC (10+2) Level Data Entry
 Operator & LDC Exam. 11.12.2011
 (IInd Sitting (Delhi Zone))

| SERIES |

- 114.** J, Q, I, R, H, S, ?, ?
 (1) F T (2) G T
 (3) H U (4) KT
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (1st Sitting) (East Zone)
- 115.** CFL, EIK, G J, IOI, ?
 (1) KRH (2) KRJ
 (3) JRH (4) KQH
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (1st Sitting) (East Zone)
- 116.** A, Z, B, Y, C, X, ?, ?
 (1) EV (2) WD
 (3) DW (4) YV
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (IInd Sitting) (East Zone)
- 117.** AZY, EXW, IVU, ?
 (1) MTS (2) MOR
 (3) NRQ (4) LST
 SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (IInd Sitting) (East Zone)
- 118.** XGH,WIJ,VKL,UMN, ?
 (1) TOP (2) SOP
 (3) HOW (4) UJI
 (SSC Level Data Entry Operator & LDC Exam.21.10.2012 (1st Sitting))
- 119.** SCD, TEF, UGH, ? , WKL
 (1) VIJ (2) VJI
 (3) CMN (4) UJI
 (SSC Level Data Entry Operator & LDC Exam.21.10.2012 (1st Sitting))
- 120.** C A G E K I O M _ _
 (1) US (2) OS
 (3) OQ (4) SQ
 (SSC Level Data Entry Operator & LDC Exam.21.10.2012 (IInd Sitting))
- 121.** LXF, MTJ, NPN, OLR, ?
 (1) PIU (2) PPV
 (3) PHV (4) PJW
 (SSC Level Data Entry Operator & LDC Exam.28.10.2012 (1st Sitting))
- 122.** BDF, CFI, DHL, ?
 (1) EJO (2) CJM
 (3) EML (4) EMI
 (SSC Level Data Entry Operator & LDC Exam.28.10.2012 (1st Sitting))
- 123.** ALN, DNR, GPR, ?
 (1) KLM (2) JRT
 (3) RNU (4) RNV
 (SSC Level Data Entry Operator & LDC Exam.28.10.2012 (1st Sitting))
- 124.** QPO, NML, KJI, ?, EDC
 (1) HGF (2) CAB
 (3) JKL (4) GHI
 (SSC Level Data Entry Operator & LDC Exam.28.10.2012 (1st Sitting))
- 125.** QAR, RAS, SAT, TAU, ?
 (1) UAV (2) UAT
 (3) TAS (4) TAT
 (SSC Level Data Entry Operator & LDC Exam.28.10.2012 (1st Sitting))
- 126.** In the given series one term is missing. Choose the correct alternative from the given ones that will complete the series.
 GON, JRO, MUT, ?
 (1) NOG (2) PXW
 (3) JQR (4) TUM
 (SSC Level Data Entry Operator & LDC Exam.04.11.2012 (IInd Sitting))
- 127.** ACDFGIJLMOP _ ?
 (1) Q (2) R
 (3) S (4) T
 (SSC Graduate Level Tier-I Exam.11.11.2012 (1st Sitting))
- 128.** SFJ, RGK, QHL, ?
 (1) EMD (2) VIJ
 (3) PIM (4) PKL
 (SSC Assistant Grade-III Exam.11.11.2012 (IInd Sitting))
- 129.** a, k, e, o, i, s, ____, q, a, u, e
 (1) l, v (2) m, v
 (3) l, w (4) m, w
 (SSC Assistant Grade-III Exam.11.11.2012 (IInd Sitting))
- 130.** KEC, LFD, MGE, NHF, ?
 (1) OIF (2) OIG
 (3) PHG (4) NIG
 (FCI Assistant Grade-II Exam. 22.01.2012 Paper-I)
- 131.** ABDC, GHJI, MNPO, ?
 (1) RSQP (2) STRQ
 (3) RSUT (4) STVU
 (FCI Assistant Grade-II Exam. 22.01.2012 Paper-I)
- 132.** ACE, BDF, CEG, ?
 (1) CED (2) DFH
 (3) DEM (4) HED
 FCI Assistant Grade-III Exam. 25.02.2012 (Paper-I) North Zone (1st Sitting)
- 133.** AZBY, CXDW, EVFU, ?
 (1) SHTG (2) GXHW
 (3) GTHS (4) STHO
 FCI Assistant Grade-III Exam. 25.02.2012 (Paper-I) North Zone (1st Sitting)
- 134.** DKM, FJP, HIS, JHV, ?
 (1) HGY (2) LGZ
 (3) IGY (4) LGY
 FCI Assistant Grade-III Exam. 05.02.2012 (Paper-I) East Zone (IInd Sitting)
- 135.** AZBY, ?, EVFU, GTHS
 (1) BYCZ (2) CYDR
 (3) MISG (4) CXDW
 FCI Assistant Grade-III Exam. 05.02.2012 (Paper-I) East Zone (IInd Sitting)
- 136.** ELFA, GLHA, ILJA, __?, MLNA
 (1) OLPA (2) KLMA
 (3) LLMA (4) KLLA
 (SSC Graduate Level Tier-I Exam. 19.05.2013, IInd Sitting)
- 137.** FGHJKLNOPRS ?
 (1) T (2) M
 (3) Q (4) U
 (SSC Graduate Level Tier-I Exam. 19.05.2013, IInd Sitting)
- 138.** BD, FH, JL, NP, ?
 (1) PQ (2) RS
 (3) SU (4) RT
 (SSC (10+2) Level Data Entry Operator & LDC Exam. 04.11.2012, 1st Sitting)
- 139.** NZ, OY, PX, QW, RV, ?
 (1) FS (2) SU
 (3) UF (4) TU
 (SSC Multi-Tasking Staff Exam. 10.03.2013, 1st Sitting : Patna)
- 140.** F, L, Q, U, X, __?__
 (1) B (2) Z
 (3) Y (4) A
 (SSC Multi-Tasking Staff Exam. 10.03.2013)
- 141.** A, E, I, ?, Q
 (1) O (2) M
 (3) U (4) L
 (SSC Multi-Tasking Staff Exam. 17.03.2013, Kolkata Region)
- 142.** Identify the next letter in the following series:
 a d c e b e d f c f e?
 (1) h (2) g
 (3) f (4) d
 (SSC Multi-Tasking Staff Exam. 24.03.2013, 1st Sitting)
- 143.** YZ,VYZ,SYZ,PYZ, ?
 (1) TYZ (2) RYZ
 (3) MYZ (4) XYZ
 (SSC Graduate Level Tier-I Exam. 21.04.2013, 1st Sitting)

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- 144.** AZ, CX, EV, GT, ___?___, KP, ___?___.
 (1) IR and NM (2) RI and MN
 (3) RI and NM (4) IR and MN
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 145.** T O N K H E B Y V S P ? ? ?
 (1) NKG (2) NKI
 (3) MJG (4) MJH
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 146.** EFA, GHC, IJE, ___?___.
 (1) JKG (2) KLG
 (3) HIF (4) KDA
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 147.** NP MK RT IG ___?___.
 (1) UW (2) FD
 (3) EC (4) VX
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 148.** A series is given, with one term missing. Choose the correct alternative from the given ones.
 ABEF, IJMN, ?
 (1) QRVU (2) QRUV
 (3) QRVW (4) QSVU
 (SSC Graduate Level Tier-I Exam. 21.04.2013, IInd Sitting)
- 149.** EJO, FKP, GLO, HMR, ?
 (1) ABC (2) DEF
 (3) MNO (4) INS
 (SSC Graduate Level Tier-I Exam. 21.04.2013, IInd Sitting)
- 150.** B O C N D M E ? ?
 (1) LF (2) OP
 (3) KL (4) EF
 (SSC Graduate Level Tier-I Exam. 21.04.2013, IInd Sitting)
- 151.** BEH, DGJ, NQT, ?
 (1) TKL (2) GHD
 (3) JMP (4) RMO
 (SSC Graduate Level Tier-I Exam. 19.05.2013, Ist Sitting)
- 152.** deb, ijg, nol ? , xyv
 (1) stq (2) rsp
 (3) rsq (4) stp
 (SSC Graduate Level Tier-I Exam. 19.05.2013, Ist Sitting)
- 153.** bc, cde, de, efg, fg, ?
 (1) ijk (2) ghi
 (3) fgh (4) hij
 (SSC Graduate Level Tier-I Exam. 19.05.2013, Ist Sitting)
- 154.** AFI, JOR, MRU, ?
 (1) RJL (2) GJN
 (3) HMP (4) PMO
 (SSC Graduate Level Tier-I Exam. 19.05.2013, Ist Sitting)
- 155.** KJL, ONP, SRT, ?
 (1) WVX (2) VWX
 (3) WXV (4) VUW
 (SSC CAPFs SI & CISF ASI Exam. 23.06.2013)
- 156.** AN, BO, CP, DQ, ?
 (1) EG (2) ER
 (3) EH (4) EF
 (SSC CAPFs SI & CISF ASI Exam. 23.06.2013)
- 157.** CZA, GYE, KXI, ?
 (1) NWL (2) ONM
 (3) OMW (4) OWM
 (SSC Cabinet Secretariat RO (ECO), DFO (T) & DFO (GD) Tier-I Exam. 23.06.2013)
- 158.** Find the missing term of the series.
 AAT, BBE, CCP, ?
 (1) DDA (2) DDB
 (3) DDC (4) DDD
 (SSC Multi-Tasking Staff Exam. 24.03.2013, Ist Sitting)
- 159.** X, Q, K, F, ___?___
 (1) C (2) D
 (3) E (4) B
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 160.** BEAG, DGCI, FIEK, ___?___
 (1) HGKJ (2) HKLJ
 (3) HMIE (4) HKGM
 (SSC Graduate Level Tier-I Exam. 21.04.2013, Ist Sitting)
- 161.** N, P, R, ___?___
 (1) T (2) U
 (3) O (4) V
 (SSC Constable (GD) Exam. 12.05.2013 Ist Sitting)
- 162.** ELFA, GLHA, ILJA, ___?___, MLNA
 (1) OLPA (2) KLMA
 (3) LLMA (4) KLLA
 (SSC Graduate Level Tier-I Exam. 19.05.2013, IInd Sitting)
- 163.** FGHJKLNOPRS ?
 (1) T (2) M
 (3) Q (4) U
 (SSC Graduate Level Tier-I Exam. 19.05.2013, IInd Sitting)
- 164.** BC, GH, LM, ___?___
 (1) PQ (2) RS
 (3) QR (4) OP
 (SSC Multi-Tasking (Non-Tech.) Staff Exam. 16.02.2014)
- 165.** AC, FH, K___, PR, UW
 (1) L (2) J
 (3) M (4) N
 (SSC Multi-Tasking Staff (Patna) Exam. 16.02.2014)
- 166.** AC, FH, KM, PR, ?
 (1) UX (2) TV
 (3) UW (4) VW
 (SSC Multi-Tasking (Non-Tech.) Staff Exam. 23.02.2014, IInd Sitting)
- 167.** M E N I P O ___?___
 (1) QI (2) PA
 (3) QU (4) QO
 (SSC CGL Tier-I Re-Exam-2013, 27.04.2014)
- 168.** LMN, MNOP, NOPQR, ___?___
 (1) OPQRST (2) RSTUVW
 (3) QRSTUV (4) PQRSTU
 (SSC CGL Tier-I Re-Exam-2013, 27.04.2014)
- 169.** ACE, BDF, CEG, ___?___
 (1) DEF (2) DFH
 (3) DEH (4) DFE
 (SSC CGL Tier-I Re-Exam-2013, 27.04.2014 & Bihar SSC 2nd (Pre) Exam. 16.02.2015)
- 170.** ABC PQR DEF STU ___?___
 (1) VWX (2) GHI
 (3) IJK (4) GKL
 (SSC CGL Tier-I Re-Exam-2013, 27.04.2014 & Bihar SSC 2nd (Pre) Exam. 16.02.2015)
- 171.** FAG, GAF, HAI, IAH, ?
 (1) JAK (2) HAK
 (3) JAI (4) HAL
 (SSC CAPFs SI, CISF ASI & Delhi Police SI Exam. 22.06.2014)
- 172.** BCD, DED, FGF, HIH, ?
 (1) JHJ (2) IJI
 (3) JKJ (4) HJH
 (SSC CAPFs SI, CISF ASI & Delhi Police SI Exam. 22.06.2014)
- 173.** MNBA, OPDC, QRFE, ?
 (1) STGH (2) STKH
 (3) STKJ (4) STHG
 (SSC GL Tier-I Re-Exam. (2013) 20.07.2014, Ist Sitting)
- 174.** ADGJ, YVSP, KNQT, ?
 (1) SVZB (2) QTWZ
 (3) OLIF (4) LORU
 (SSC GL Tier-I Re-Exam. (2013) 20.07.2014, IInd Sitting)
- 175.** BMX, DNW, FOU, ___?___
 (1) GHO (2) GPS
 (3) HPS (4) HPT
 (SSC GL Tier-I Exam. 19.10.2014, Ist Sitting)
- 176.** DHK, DNW, JNQ, ___?___
 (1) MRU (2) MQT
 (3) LPS (4) NRU
 (SSC GL Tier-I Exam. 19.10.2014, Ist Sitting)

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177. TMJ, QNL, NON, KPP, ?
 (1) JQR (2) HQR
 (3) HQQ (4) IQS
 (SSC GL Tier-I Exam. 19.10.2014)
178. A, CD, GHI, ?, UVWXYZ
 (1) LMNP (2) MNOL
 (3) NOPL (4) MNOP
 (SSC GL Tier-I Exam. 19.10.2014)
179. ELFA, GLHA, ILJA, ?, MLNA
 (1) ILMA (2) KLLA
 (3) QLPA (4) KLMA
 (SSC GL Tier-I Exam. 26.10.2014)
180. Z, U, Q, ?, L
 (1) I (2) K
 (3) M (4) N
 (SSC CHSL (10+2) DEO & LDC
 Exam. 02.11.2014, Patna Region :
 Ist Sitting)
181. AD, EI, JN, PS, ?
 (1) WY (2) XX
 (3) WX (4) WW
 (SSC CHSL (10+2) DEO & LDC
 Exam. 02.11.2014, IInd Sitting)
182. PON, RQP, TSR, VUT, ?
 (1) WUY (2) YXZ
 (3) XWV (4) UVV
 (SSC CHSL (10+2) DEO & LDC
 Exam. 02.11.2014, IInd Sitting)
183. ar, cs, et, ?
 (1) wy (2) gv
 (3) vb (4) gu
 (SSC CHSL (10+2) DEO & LDC
 Exam. 02.11.2014, IInd Sitting)
184. CBA, ABC, ABCD, DCBA, AB-
 CDE, ?
 (1) EDCBA (2) DBAC
 (3) CABD (4) BACD
 (SSC CHSL (10+2) DEO & LDC
 Exam. 02.11.2014, IInd Sitting)
185. CE, GI, KM, OQ, ?
 (1) TW (2) TV
 (3) SU (4) RT
 (SSC CHSL (10+2) DEO & LDC
 Exam. 09.11.2014)
186. R, O, L, I, F, ?
 (1) C (2) A
 (3) E (4) I
 (SSC CHSL (10+2) DEO & LDC
 Exam. 09.11.2014)
187. ICE, JDF, KEG, LFH, ?
 (1) MIG (2) MHG
 (3) MGI (4) HHI
 (SSC CHSL (10+2) DEO & LDC
 Exam. 16.11.2014, Patna Region :
 Ist Sitting)

188. EFGH, MNOP, QRST, ?
 (1) QRTS (2) VLMN
 (3) UVWX (4) JIKH
 (SSC CHSL (10+2) DEO & LDC
 Exam. 16.11.2014, Patna Region :
 Ist Sitting)
189. BY, GT, LO, ?, VE
 (1) PJ (2) QJ
 (3) QK (4) QP
 (SSC CHSL (10+2) DEO & LDC
 Exam. 16.11.2014, Patna Region :
 Ist Sitting)
190. 1. A, C, E 2. B, D, F
 3. G, I, K 4. ?
 (1) L, J, H (2) Z, Y, X
 (3) H, J, L (4) K, L, M
 (SSC CHSL (10+2) DEO & LDC
 Exam. 16.11.2014)
191. KKMLLNMMONNPOOQP ?
 (1) PQ (2) ST
 (3) QV (4) PR
 (SSC CHSL (10+2) DEO & LDC
 Exam. 16.11.2014)
- Directions :** In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
192. AZ, CX, FU, ?
 (1) IR (2) IV
 (3) JQ (4) KP
 (SSC CGL Tier-I Exam. 19.10.2014
 TF No. 022 MH 3)
193. ZYXABCWVDEU ?
 (1) V (2) F
 (3) T (4) E
 (SSC CHSL (10+2) DEO & LDC
 Exam. 16.11.2014, Ist Sitting
 TF No. 333 LO 2)
194. BCZYDEWVFGUTH ?
 (1) Q (2) S
 (3) J (4) I
 (SSC CHSL (10+2) DEO & LDC
 Exam. 16.11.2014, Ist Sitting
 TF No. 333 LO 2)
195. ADG, GJM, ?
 (1) MOQ (2) MPS
 (3) NOT (4) WTO
 (SSC CHSL (10+2) DEO & LDC
 Exam. 16.11.2014, IInd Sitting
 TF No. 545 QP 6)
196. A C F K ?
 (1) D (2) O
 (3) R (4) I
 (SSC CHSL (10+2) DEO & LDC
 Exam. 16.11.2014, IInd Sitting
 TF No. 545 QP 6)

197. K H E
 B Y V
 S ? M
 (1) R (2) P
 (3) O (4) L
 (SSC CHSL (10+2) DEO & LDC
 Exam. 16.11.2014, IInd Sitting
 TF No. 545 QP 6)
198. FAK IEM LIO ?
 (1) OMQ (2) OPO
 (3) MNO (4) NOP
 (SSC CGL Tier-I Exam, 16.08.2015
 (IInd Sitting) TF No. 2176783)
199. AZBY, CXDW, EVFU, ?
 (1) SHTG (2) GXHW
 (3) GTHS (4) STHO
 (SSC CGL Tier-I
 Re-Exam, 30.08.2015)
200. BCD, DBC, EFG, ?, HIJ
 (1) IJH (2) GEF
 (3) EGF (4) FEG
 (SSC Constable (GD)
 Exam, 04.10.2015, Ist Sitting)
201. A, Z, B, Y, C, X, D, W, E, V, F,
 U, G, ?
 (1) T (2) R
 (3) V (4) S
 (SSC Constable (GD)
 Exam, 04.10.2015, IInd Sitting)
202. EZ FY XG ?
 (1) WG (2) GW
 (3) WH (4) HW
 (SSC (10+2) LDC/DEO/PA/SA
 Exam. 01.11.2015 TF No. 1098066)
203. OTE, PUF, QVG, RWH, ?
 (1) SXI (2) SYJ
 (3) TXI (4) SXJ
 (SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 15.11.2015
 (Ist Sitting) TF No. 6636838)
204. AFKPU, BGLOV, CHMRW, ?
 (1) VOLGB (2) DINSX
 (3) KLMNO (4) UVVXY
 (SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 15.11.2015
 (Ist Sitting) TF No. 6636838)
205. AZ, CX, FU, ?
 (1) IV (2) JQ
 (3) KP (4) IR
 (SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 15.11.2015
 (IInd Sitting) TF No. 7203752)
206. Y, T, P, ?, K
 (1) M (2) L
 (3) O (4) N
 (SSC CHSL (10+2) LDC, DEO
 & PA/SA Exam, 15.11.2015
 (IInd Sitting) TF No. 7203752)

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207. T, R, P, N, ?

- (1) V (2) M
(3) L (4) E

(SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 06.12.2015 (1st Sitting) TF No. 1375232)

208. Z, X, V, T, R, ? N

- (1) P (2) Q
(3) S (4) O

(SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 06.12.2015 (1st Sitting) TF No. 1375232)

209. A D H M S ?

- (1) X (2) T
(3) W (4) Z

(SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 06.12.2015 (IInd Sitting) TF No. 3441135)

210. A C E Z X V G I K T R P ?

- (1) L (2) O
(3) N (4) M

(SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 06.12.2015 (IInd Sitting) TF No. 3441135)

211. AC, EG, IK, ?

- (1) LM (2) ON
(3) OP (4) MO

(SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 20.12.2015 (1st Sitting) TF No. 9692918)

212. HIJQRDEF ? VW

- (1) N (2) J
(3) H (4) U

(SSC CHSL (10+2) LDC, DEO & PA/SA Exam, 20.12.2015 (1st Sitting) TF No. 9692918)

Directions (213-214) : In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

(SSC (10+2) Stenographer Grade 'C' & 'D' Exam. 31.07.2016)

213. ACE, GIK, MOQ, ?

- (1) SUW (2) UVW
(3) STV (4) RTU

214. LMnP, PqRt, TUVx, ?

- (1) PRsT (2) UVwY
(3) XYzB (4) VWnP

215. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

IGT, JHS, KIR, LJQ, MKP, ?

- (1) LOP (2) NOP
(3) NLO (4) LNO

(SSC CGL Tier-I (CBE) Exam.10.09.2016)

216. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

XFB,UGD,RIG,OLK, ?

- (1) OLJ (2) LNK
(3) LPP (4) OLM

(SSC CGL Tier-I (CBE) Exam.11.09.2016) (1st Sitting)

217. In the following question, a series is given with one alphabet missing. Choose the correct alternative from the given options.

L, C, M, B, N, A, O ?

- (1) B (2) P
(3) Q (4) Z

(SSC CPO Exam. 06.06.2016) (1st Sitting)

218. In the following question, a series is given with one alphabet missing. Choose the correct alternative from the given options.

A, Z, B, Y, C, ?

- (1) U (2) V
(3) W (4) X

(SSC CPO Exam. 06.06.2016) (1st Sitting)

219. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :

CUS, DVT, EWU, ___

- (1) FXV (2) VXF
(3) XFV (4) XVF

(SSC CHSL (10+2) Tier-I (CBE) Exam. 08.09.2016) (1st Sitting)

220. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :

DCB, HGF, ? , PON

- (1) LKJ (2) QRO
(3) SUM (4) XZY

(SSC CGL Tier-I (CBE) Exam. 09.09.2016) (1st Sitting)

221. A series is given, with one/two term missing. Choose the correct alternative from the given ones that will complete the series.

Zb Ya XdWc VfUe ?

- (1) TgSh (2) ThSg
(3) ThSi (4) ShTg

(SSC CAPFs (CPO) SI & ASI, Delhi Police Exam. 20.03.2016) (IInd Sitting)

222. In the following question, a series is given with one or more alphabet missing. Choose the correct alternative from the given options.

ACF, BEI, CGL, DIO, ?

- (1) EGJ (2) EKO
(3) EHL (4) EKR

(SSC CAPFs (CPO) SI & ASI, Delhi Police Exam. 05.06.2016) (1st Sitting)

223. In the following question, a series is given with one or more alphabet missing. Choose the correct alternative from the given options.

A, ?, I, O, ?

- (1) D, T (2) F, V
(3) E, U (4) C, W

(SSC CAPFs (CPO) SI & ASI, Delhi Police Exam. 05.06.2016) (1st Sitting)

224. In the following question, a series is given in which one or more alphabet is missing. Choose the correct alternative from the given options.

ADC, EHG, ILK, ?

- (1) MNO (2) MPO
(3) MON (4) MPQ

(SSC CAPFs (CPO) SI & ASI, Delhi Police Exam. 05.06.2016) (1st Sitting)

225. In the following question, a series is given with one or more alphabet missing. Choose the correct alternative from the given options.

BE, DH, ? ?, HN, JQ

- (1) FI (2) FK
(3) GI (4) GK

(SSC CPO SI & ASI, Online Exam. 06.06.2016) (IInd Sitting)

226. In the following question, a series is given with one or more alphabet missing. Choose the correct alternative from the given options.

E-D-C-B, J-H-F-D, O-L-I-?

- (1) R (2) A
(3) E (4) F

(SSC CPO SI & ASI, Online Exam. 06.06.2016) (IInd Sitting)

227. A series is given with one term missing, choose the correct alternative from the given ones that will complete the series.

JAZ, LEX, NIV, PMT, ?

- (1) QUR (2) RQR
(3) SUR (4) RUS

(SSC CGL Tier-I (CBE) Exam. 27.08.2016) (1st Sitting)

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- 228.** Find the missing term of the following series :
GEFH, ZXYY, SQRT, ?
(1) LJKM (2) KILN
(3) JGIO (4) NLMO
(SSC CGL Tier-I (CBE)
Exam. 27.08.2016) (IInd Sitting)
- 229.** Choose the correct alternative from the given ones that will complete the series
BFK, KOT, UYD, ?
(1) BFJ (2) ADG
(3) FJO (4) PSX
(SSC CGL Tier-I (CBE)
Exam. 29.08.2016) (IInd Sitting)
- 230.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
EDBA, KJHG, QPNM, ?
(1) WVTS (2) WXUV
(3) WVST (4) WVTX
(SSC CGL Tier-I (CBE)
Exam. 30.08.2016) (Ist Sitting)
- 231.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
NOM, QRP, TUS, ?
(1) WAX (2) HUT
(3) WXV (4) HTU
(SSC CGL Tier-I (CBE)
Exam. 31.08.2016) (Ist Sitting)
- 232.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
DF, GJ, KM, NO, RT, ?
(1) EI (2) UX
(3) UV (4) XY
(SSC CGL Tier-I (CBE)
Exam. 02.09.2016) (Ist Sitting)
- 233.** Find the missing letters from the given alternatives :
AEN, MQZ, CGP, ?
(1) OSB (2) PUE
(3) MPX (4) OTC
(SSC CGL Tier-I (CBE)
Exam. 02.09.2016) (IInd Sitting)
- 234.** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
SCD, TEF, UGH, ?, WKL
(1) CMN (2) VJI
(3) VIJ (4) IJT
(SSC CGL Tier-I (CBE)
Exam. 03.09.2016) (IInd Sitting)
- 235.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
PMT, OOS, NQR, MSQ, ?
(1) LVR (2) LVP
(3) LWP (4) LUP
(SSC CGL Tier-I (CBE)
Exam. 06.09.2016) (Ist Sitting)
- 236.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
CAR, GCO, KEL, OGI, ?
(1) SIK (2) SIF
(3) TIK (4) TIL
(SSC CGL Tier-I (CBE)
Exam. 31.08.2016) (IInd Sitting)
- 237.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
NOA, PQB, RSC, ?
(1) TUD (2) TVD
(3) TUE (4) TVE
(SSC CGL Tier-I (CBE)
Exam. 01.09.2016) (Ist Sitting)
- 238.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
CBA, FED, IHG, LKJ, ?
(1) PRT (2) VUT
(3) ONM (4) ZYX
(SSC CGL Tier-I (CBE)
Exam. 28.08.2016) (Ist Sitting)
- 239.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
WFB, TGD, QHG, ?
(1) NIL (2) NIK
(3) NLK (4) NJL
(SSC CGL Tier-I (CBE)
Exam. 29.08.2016) (Ist Sitting)
- 240.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
B, F, K, Q, ?
(1) X (2) R
(3) T (4) Y
(SSC CGL Tier-I (CBE)
Exam. 30.08.2016) (IInd Sitting)
- 241.** Choose the correct alternative from the given ones that will complete the below series
 $\frac{W}{S}, \frac{U}{O}, \frac{S}{K}, \frac{Q}{G}$
- (1) $\frac{P}{R}$ (2) $\frac{C}{O}$
(3) $\frac{R}{J}$ (4) $\frac{O}{C}$
(SSC CGL Tier-I (CBE)
Exam. 31.08.2016) (IInd Sitting)
- 242.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
ACE, GJI, MQM, ?
(1) SXQ (2) RWQ
(3) SUQ (4) RXP
(SSC CGL Tier-I (CBE)
Exam. 02.09.2016) (IInd Sitting)
- 243.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
AZ, CX, FU, ?
(1) IR (2) IV
(3) JQ (4) KP
(SSC CGL Tier-I (CBE)
Exam. 04.09.2016) (IIIrd Sitting)
- 244.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
ELFA, GLHA, ILJA, ?, MLNA
(1) OLPA (2) KLMA
(3) LLMA (4) KLLA
(SSC CGL Tier-I (CBE)
Exam. 06.09.2016) (IIIrd Sitting)
- 245.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
BDF, CFI, DHL, ?
(1) EJO (2) CJM
(3) EML (4) EMI
(SSC CGL Tier-I (CBE)
Exam. 07.09.2016) (IIIrd Sitting)
- 246.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
WYV, ?, IKH, BDA
(1) OPR (2) ROP
(3) PRO (4) OQH
(SSC CGL Tier-I (CBE)
Exam. 08.09.2016) (IIIrd Sitting)
- 247.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
FED, IHG, LKJ, ONM, ?
(1) MKJ (2) VUT
(3) CBA (4) RQP
(SSC CGL Tier-I (CBE)
Exam. 09.09.2016) (IInd Sitting)

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- 248.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
LMA, NOB, PQC, ?, STE
(1) TUV (2) RSD
(3) DOA (4) BRD
(SSC CGL Tier-I (CBE)
Exam. 10.09.2016) (IInd Sitting)
- 249.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
CAT, DBT, ECT, ?
(1) DCT (2) FDT
(3) FCT (4) FAT
(SSC CGL Tier-I (CBE)
Exam. 11.09.2016) (IInd Sitting)
- 250.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
ZXV, USQ, PNL, ?
(1) MJH (2) JHF
(3) KIG (4) KJI
(SSC CGL Tier-I (CBE)
Exam. 03.09.2016) (IInd Sitting)
- 251.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
T Q N K H E B Y V S P ? ? ?
(1) NKG (2) NKI
(3) MJG (4) MJH
(SSC CGL Tier-I (CBE)
Exam. 04.09.2016) (IInd Sitting)
- 252.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
BMY, DNW, FOU, ?
(1) GHO (2) HGO
(3) HPS (4) HPT
(SSC CGL Tier-I (CBE)
Exam. 06.09.2016) (IInd Sitting)
- 253.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
deb, ijg, nol, 2, xyv
(1) *stq* (2) *rsp*
(3) *rsq* (4) *stp*
(SSC CGL Tier-I (CBE)
Exam. 07.09.2016) (IInd Sitting)
- 254.** In the given series one term is missing. Choose the correct alternative from the given ones that will complete the series.
XBC, WFG, VJK, ?
(1) XGH (2) UNO
(3) YFG (4) WKL
(SSC CGL Tier-I (CBE)
Exam. 08.09.2016) (IInd Sitting)
- 255.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
ALZ, CJV, EHR, GFN, ?
(1) JDJ (2) IEK
(3) IDJ (4) JEK
(SSC CGL Tier-I (CBE)
Exam. 09.09.2016) (IInd Sitting)
- 256.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
BXM, EUP, HRS, ?
(1) XZY (2) RPN
(3) VTU (4) KOV
(SSC CGL Tier-I (CBE)
Exam. 10.09.2016) (IInd Sitting)
- 257.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
CL, HQ, MV, ?
(1) RA (2) QZ
(3) SB (4) TC
(SSC CGL Tier-I (CBE)
Exam. 11.09.2016) (IInd Sitting)
- 258.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
ABC, BEH, CHM, ?, ENW
(1) DKS (2) DJP
(3) DLS (4) DKR
(SSC CGL Tier-I (CBE)
Exam. 27.10.2016) (Ist Sitting)
- 259.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series :
ZWT, VSP, ROL, ?
(1) QNL (2) MPK
(3) NKH (4) PLI
(SSC CGL Tier-I (CBE)
Exam. 27.10.2016) (IInd Sitting)
- 260.** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
HK, ?, PQ, TT, XW
(1) LN (2) NO
(3) LK (4) NM
(SSC CHSL (10+2) Tier-I (CBE)
Exam. 15.01.2017) (IInd Sitting)
- 261.** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
JN, OR, UW, BC, ?
(1) KM (2) JJ
(3) JK (4) KJ
(SSC CHSL (10+2) Tier-I (CBE)
Exam. 15.01.2017) (IInd Sitting)
- 262.** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
EFGHI, LMNO, RST, WX, ?
(1) A (2) D
(3) B (4) E
(SSC CHSL (10+2) Tier-I (CBE)
Exam. 16.01.2017) (IInd Sitting)
- 263.** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
TU, DE, NO, ?
(1) PQ (2) FG
(3) XY (4) VW
(SSC CHSL (10+2) Tier-I (CBE)
Exam. 16.01.2017) (IInd Sitting)
- 264.** A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
CAT, DBT, ECT, ?
(1) DCT (2) FDT
(3) FCT (4) FAT
(SSC CGL Tier-I (CBE)
Exam. 11.09.2016) (Ist Sitting)
- 265.** A series is given with one term missing. Out of the four alternatives, choose the alternative that will complete the series.
BDF, CFI, DHL, 2
(1) EIM (2) EJO
(3) EMI (4) CJM
(SSC Multi-Tasking Staff
Exam. 30.04.2017 Ist Sitting)

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TYPE-III

Directions : Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it.

1. Z X _ T R _ N L J _ F D _
 (1) V P H B (2) V R H B
 (3) U P J B (4) U P J D
 (SSC Combined Graduate Level Prelim Exam. 04.07.1999 (First Sitting))
2. BE-K-Q; BB-EHH-KNNQQ
 (1) DLEK (2) HNEK
 (3) DLCJ (4) HNCJ
 (SSC Combined Graduate Level Prelim Exam. 04.07.1999 (Second Sitting))
3. _ stt _ tt _ tts _
 (1) tsst (2) sstt
 (3) ttst (4) tsts
 (SSC Combined Graduate Level Prelim Exam. 27.02.2000 (First Sitting))
4. ac _ ga _ eg _ ce _
 (1) dbag (2) ecag
 (3) deag (4) ebdg
 (SSC Combined Graduate Level Prelim Exam. 27.02.2000 (Second Sitting))
5. cc _ ccbc _ accbcc _ c _ b _
 (1) acac (2) abac
 (3) abab (4) aabc
 (SSC Combined Graduate Level Prelim Exam. 24.02.2002 (First Sitting))
6. H _ JH _ IJHHI _ HH _ JH
 (1) IHJI (2) HIHI
 (3) IHIJ (4) HJHJ
 (SSC Combined Graduate Level Prelim Exam. 24.02.2002 (Second Sitting))
7. ZYX _ W _ YZZ _ XWXXY _
 (1) WXYZ (2) WYXZ
 (3) WXZY (4) XYZW
 (SSC Combined Graduate Level Prelim Exam. 24.02.2002 (Middle Zone))
8. a _ ba _ bb _ ab _ a
 (1) aabb (2) baaa
 (3) abab (4) baab
 (SSC CPO Sub-Inspector Exam. 12.01.2003)
9. a _ n _ b _ _ ncb _ _ ncb
 (1) bcabab (2) bacbab
 (3) abcbcb (4) abbbcc
 (SSC Combined Graduate Level Prelim Exam. 11.05.2003 (First Sitting))

10. _aa_ba_bb_ab_aab
 (1) babab (2) aaabb
 (3) bbaab (4) bbbaa
 (SSC Combined Graduate Level Prelim Exam. 11.05.2003 (Second Sitting))
11. m _ nm _ n _ an _ a _ ma _
 (1) amammn (2) aammnn
 (3) ammanm (4) aamnan
 (SSC CPO Sub-Inspector Exam. 07.09.2003)
12. _ bbm _ amb _ m _ a _ bb
 (1) mbabm (2) abmab
 (3) mabam (4) ambbm
 (SSC Combined Graduate Level Prelim Exam. 08.02.2004 (First Sitting))
13. l-n-mll-m-n-l
 (1) m n m n (2) m n n m
 (3) m n m m (4) n m m n
 (SSC Combined Graduate Level Prelim Exam. 08.02.2004 (Second Sitting))
14. _ _ a a b _ a _ a _ b a
 (1) bbaab (2) aaabb
 (3) ababa (4) babab
 (SSC CPO Sub-Inspector Exam. 05.09.2004)
15. _ n m m n _ m m n n _ m n n m _
 (1) n n m m (2) n m n m
 (3) m n n m (4) n m m n
 (SSC CPO Sub-Inspector Exam. 26.05.2005)
16. _ op _ mo _ n _ _ p n m o p _
 (1) mnompn (2) mnpomn
 (3) mpnmop (4) mnpmon
 (SSC Statistical Investigators Grade-IV Exam. 31.07.2005)
17. a b _ _ b a a _ _ a b _
 (1) b a a b b (2) a a b a b
 (3) a a b a a (4) a a a a a
 (SSC Combined Graduate Level Prelim Exam. 13.11.2005 (First Sitting))
18. ab _ aa _ aaa _ a _ ab _ a
 (1) a b b a b (2) a b a a a
 (3) a a b b a (4) a b b a a
 (SSC Combined Graduate Level Prelim Exam. 13.11.2005 (Second Sitting))
19. a _ bbc _ aab _ aa _ abba _
 (1) cabaa (2) bacba
 (3) bbaaa (4) aabba
 (SSC Statistical Investigators Grade-IV Exam. 13.08.2006)

20. nc _ dcn _ cddc _ n _ ddcn _ d
 (1) cdndc (2) dnncc
 (3) dcndd (4) nccdn
 (SSC Statistical Investigators Grade-IV Exam. 13.08.2006)
21. a _ ab_bcbc_caca _
 (1) ccba (2) acba
 (3) bccb (4) bcab
 (SSC CPO Sub-Inspector Exam. 03.09.2006)
22. r _ se _ os _ ro _ er _ se
 (1) o r e s o (2) r o r e s
 (3) o e s r s (4) r o e s o
 (SSC Combined Graduate Level Prelim Exam. 04.02.2007 (First Sitting))
23. aba _ baca _ ba _ bacaabac _ aca
 (1) c a c b (2) c c a b
 (3) c a b c (4) a b c c
 (SSC Combined Graduate Level Prelim Exam. 04.02.2007 (Second Sitting))
24. bcde ebcd debc cdeb _ ?
 (1) dcbe (2) bcde
 (3) cdbe (4) dbce
 (SSC CPO Sub-Inspector Exam. 16.12.2007)
25. ca _ bd _ ec _ fd _ ge ?
 (1) b, c, d, e (2) b, d, c, e
 (3) b, c, e, d (4) d, b, c, e
 (SSC Combined Graduate Level Prelim Exam. 27.07.2008 (First Sitting))
26. a c b _ c e _ f _
 (1) dde (2) cde
 (3) dee (4) ddg
 (SSC Combined Graduate Level Prelim Exam. 27.07.2008 (Second Sitting))
27. _ wi _ _ w _ nt _ in _ wi _
 (1) nttwiwn (2) ttinwin
 (3) tntiwtn (4) tntwitn
 (SSC CPO Sub-Inspector Exam. 09.11.2008)
28. QST _ , QS _ R, Q _ TR, _ STR.
 (1) SQTR (2) RTSQ
 (3) TRQS (4) TSRQ
 (SSC CPO Sub-Inspector Exam. 06.09.2009)
29. a _ b _ a _ _ n _ bb _ abbn
 (1) abnabb (2) bnbban
 (3) bnbbna (4) babban
 (SSC Combined Graduate Level Tier-1 Exam. 16.05.2010 (First Sitting))

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30. ___a__aaaba___ ___ba__ab___

- (1) abaaaa (2) abaaba
(3) aababa (4) ababaa

(SSC Combined Graduate Level
Tier-1 Exam. 16.05.2010
(Second Sitting))

31. h _ eg _ fegh _ eghfe _

- (1) gffh (2) hhgg
(3) ffgh (4) fhfg

(SSC SAS Exam. 26.06.2010 (Paper-I))

32. ac ___bd___cc ___df___egh

- (1) d, f, g, e (2) b, d, c, a
(3) d, g, f, e (4) d, e, f, g

(SSC CISF ASI Exam. 29.08.2010
(Paper-I))

33. a e b d_f j g i_k o l n_

- (1) c m h (2) c h m
(3) c g m (4) c j l

(SSC CPO Sub-Inspector
Exam. 12.12.2010 (Paper-I))

34. ac__cab__baca__aba__aca__

- (1) acbcc (2) aacbc
(3) babbb (4) bcbba

(SSC Combined Graduate Level
Prelim Exam. 19.06.2011
(First Sitting))

35. ___ab__b__aba___abab

- (1) a bb aa (2) bb aa b
(3) ab aa b (4) a aa ba

(SSC Combined Graduate Level
Prelim Exam. 19.06.2011
(Second Sitting))

36. ___cb__cab__baca__cba__ab

- (1) cabcb (2) abccb
(3) bacbc (4) bcaba

(SSC Combined Graduate Level Tier-
1 Exam. 26.06.2011
(First Sitting))

37. an__nn__ana__na__nan__a

- (1) annan (2) aanan
(3) nanna (4) naana

(SSC Combined Graduate Level Tier-
1 Exam. 26.06.2011
(Second Sitting))

38. _ b _baaabb _ a _ _bb _ a _

- (1) abbaaba (2) ababbaa
(3) babaaba (4) baabaab

(SSC CPO (SI, ASIn & Intelligence Officer)
Exam. 28.08.2011 (Paper-I))

39. a ___ba___bb___ab___a

- (1) aaba (2) baab
(3) baaa (4) abab

(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (1st Sitting))

40. r ___sr___tsrrt___rr___sr

- (1) ttss (2) tsts
(3) trst (4) sstt

(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (1st Sitting))

41. m—omnm—m—nomnm—m.

- (1) onmo (2) nomo
(3) monm (4) nnmo

(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (IInd Sitting))

42. —PSRQ—SRQP—RQPS—

- (1) PRQS (2) PQRS
(3) QPSR (4) SRQP

(SSC Combined Matric Level (PRE)
Exam. 24.10.1999 (IInd Sitting))

43. a—baa—aaba—ca—b

- (1) bcca (2) ccaa
(3) acaa (4) abac

(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (1st Sitting)
(East Zone))

44. ORU—O—UXOR—X—RUX

- (1) ORXU (2) XURO
(3) XRUC (4) OURX

(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (1st Sitting)
(Raipur, Madhya Pradesh))

45. —ONP M — NP MO — P MON—

- (1) PNOM (2) NMPO
(3) ONPM (4) MONP

(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (1st Sitting)
(Middle Zone))

46. ab-abc-bc-bca-c

- (1) caab (2) caac
(3) bccb (4) baca

(SSC Combined Matric Level (PRE)
Exam. 21.05.2000 (1st Sitting)
(Middle Zone))

47. aa-b-abc-ac-a-de

- (1) babcc (2) aaada
(3) abade (4) abaad

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (1st Sitting)
(Eastern Zone, Guwahati))

48. — abb, aa — c, — ad —, aae —

- (1) acade
(2) acede
(3) bebde (4) babce

(SSC Combined Matric Level (PRE)
Exam. 05.05.2002 (1st Sitting)
(North Zone, Delhi))

49. bab - b - b - - abb

- (1) a b b a (2) b b b a
(3) a b a b (4) b a b b

(SSC Combined Matric Level (Pre)
Exam. 05.05.2002 (IInd Sitting)
(North Zone Delhi))

50. w ---- uww ---- w ---- xuw -
--- x ---- w

- (1) xuwuwx (2) xwuuxw
(3) xxuwwu (4) xxwwuu

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (1st Sitting))

51. -tu-rt-s- -us rtu-

- (1) rsurts (2) rsurtr
(3) rsutrr (4) rtusru

(SSC Combined Matric Level (Pre)
Exam. 12.05.2002 (IInd Sitting))

52. cab - c - bdca - d - abd

- (1) d, a, b, c (2) c, c, a, a
(3) b, c, d, a (4) a, b, c, d

(SSC Combined Matric Level (Pre)
Exam. 16.06.2002 (Re-Exam))

53. m _ p l _ pp l m p _ l m pp _

- (1) p m p l (2) l m p l
(3) p m m l (4) l m m l

(SSC Combined Matric Level (Pre)
Exam. 30.07.2006 (1st Sitting)
(East Zone))

54. aac - bba - cc - baa - cb -

- (1) bacbc (2) abaac
(3) cabcb (4) bcacb

(SSC Combined Matric Level (Pre)
Exam. 30.07.2006 (IInd Sitting)
(Central Zone))

55. w__xw__x__ax__a__wa__

- (1) axawxa (2) aawaxx
(3) aawwxx (4) waawxx

(SSC Data Entry Operator
Exam. 31.08.2008)

56. a _ aa bb _ _ ab _ b _

- (1) b a a a a (2) b a b a b
(3) b a a b a (4) b b a a a

(SSC Stenographer (Grade 'C & D')
Exam. 26.09.2010)

57. a _ b_ b a _ b _ _ b a

- (1) b b a a b (2) b b a b b
(3) a a b a b (4) a a b b a

(SSC Higher Secondary Level
Data Entry Operator & LDC
Exam. 27.11.2010)

58. a _ b_abb _ ab _ a _ bba

- (1) bbaab (2) babba
(3) baaba (4) aabba

(SSC Higher Secondary Level
Data Entry Operator & LDC
Exam. 28.11.2010 (1st sitting))

59. bca__b__aabc__a__caa

- (1) c b a b (2) b a c c
(3) a c a b (4) b c b b

(SSC Higher Secondary Level
Data Entry Operator & LDC
Exam. 28.11.2010 (IInd sitting))

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60. c - bba - cab - ac - ab - ac
(1) babcc (2) bcacb
(3) acbcb (4) abcbc
(SSC Stenographer Grade 'C' & 'D'
Exam. 09.01.2011)
61. a - yz - xy - ax - zax - z
(1) xayzy (2) xayyz
(3) xazy (4) axzy
(SSC CISF Constable (GD)
Exam. 05.06.2011)
62. d _ n _ _ _ _ nndm _ n
(1) ndmnm (2) mdnmm
(3) mndmn (4) dmnm
SSC (10+2) Level Data Entry
Operator & LDC Exam. 04.12.2011 (1st
Sitting (North Zone))
63. L _ NOO _ ML _ MNO _ NML
(1) MNLO (2) ONML
(3) NLMO (4) LOMN
SSC (10+2) Level Data Entry
Operator & LDC Exam. 04.12.2011 (IInd
Sitting (North Zone))
64. KLM _ , KL _ N, K _ MN, _ LMN
(1) NMLK (2) KLMN
(3) LKNM (4) KLMN
SSC (10+2) Level Data Entry
Operator & LDC Exam. 04.12.2011
(1st Sitting (East Zone))
65. _ XX _ Y _ XYX _ Y
(1) YYXY (2) YXYX
(3) XYYX (4) YYXX
SSC (10+2) Level Data Entry
Operator & LDC Exam. 04.12.2011
(IInd Sitting (East Zone))
66. a _ cdd _ bcd _ abc _ dab _
(1) b a d d c (2) a b d d c
(3) b a d c d (4) b d a d c
SSC (10+2) Level Data Entry
Operator & LDC Exam. 11.12.2011
(1st Sitting (Delhi Zone))
67. _ b b _ _ c _ _ b g _ _ b _ g
(1) c b g b c (2) c g b c b
(3) c g b c c (4) g b c b b
SSC (10+2) Level Data Entry
Operator & LDC Exam. 11.12.2011
(IInd Sitting (Delhi Zone))
68. a _ bcaa _ caa _ _
(1) a b c c (2) a b a c
(3) a a b c (4) b a a c
SSC (10+2) Level Data Entry
Operator & LDC Exam. 11.12.2011
(1st Sitting (East Zone))
69. a _ _ b a _ _ b b _ _ a b _ _ a
(1) b a a b (2) a a b a
(3) a b a b (4) b a a a
SSC (10+2) Level Data Entry
Operator & LDC Exam. 11.12.2011
(IInd Sitting (East Zone))
70. _ _ dan _ _ nda _ dand _
(1) dnadna (2) ndanda
(3) andana (4) dannnd
SSC Constable (GD) & Rifleman (GD)
Exam. 22.04.2012 (1st Sitting)
71. b _ y _ _ by _ b _ yt
(1) bgbt (2) btbttb
(3) atbbt (4) cbbte
SSC Constable (GD) & Rifleman (GD)
Exam. 22.04.1912 (IInd Sitting)
72. m _ n m _ n _ a _ n _ a _ m a _
(1) a m a m m n
(2) a a m n a n
(3) a m m a n m
(4) a a m m n n
SSC Level Data Entry Operator &
LDC Exam.21.10.2012 (IInd Sitting)
73. ww _ x _ x _ yyzz _
(1) w z x y (2) w x x z
(3) w x y z (4) x w z w
SSC Level Data Entry Operator &
LDC Exam.21.10.2012 (IInd Sitting)
74. g _ _ g _ _ gh _ g _ i
(1) h h i i h h (2) j k l j k l
(3) h i j k l i (4) h i h i h
SSC Level Data Entry Operator &
LDC Exam.21.10.2012 (IInd Sitting)
75. p _ p _ _ p q r p _ r
(1) q r s t q (2) q q r r q
(3) q r q r q (4) q q r q r
SSC Level Data Entry Operator &
LDC Exam.28.10.2012 (1st Sitting)
76. _ acca _ ccca _ accc _ aaa
(1) a c c a (2) c a a a
(3) c c a a (4) c a a c
SSC Level Data Entry Operator &
LDC Exam.28.10.2012 (1st Sitting)
77. b _ t _ a _ / _ add _ d/ba _ _ ad
(1) dattac (2) dadtac
(3) abdaac (4) adddatd
SSC Level Data Entry Operator &
LDC Exam.28.10.2012 (1st Sitting)
78. _ fgg _ eg _ eeff _ ef _ gg
(1) eefge (2) fegef
(3) efege (4) fgege
SSC Graduate Level Tier-I
Exam.11.11.2012 (1st Sitting)
79. E _ GF _ E _ FGF _ E
(1) EGFG (2) GFEF
(3) FEGG (4) FGEG
SSC Assistant Grade-III
Exam.11.11.2012 (IInd Sitting)
80. _ bc c _ a abc _ ba ab _
(1) acbc (2) abac
(3) abcc (4) acac
FCI Assistant Grade-III
Exam. 25.02.2012 (Paper-I)
North Zone (1st Sitting)
81. a _ ab _ baa _ bb _
(1) abab (2) aabb
(3) bbaa (4) baba
FCI Assistant Grade-III
Exam. 05.02.2012 (Paper-I)
East Zone (IInd Sitting)
82. m _ _ l m _ l _ mm _ l
(1) mlml (2) ml ml
(3) llml (4) mmlml
SSC (10+2) Level Data Entry
Operator & LDC Exam.
04.11.2012, 1st Sitting)
83. a _ b _ c _ a _ bc _ b _ cb
(1) ccbcca (2) ccaccb
(3) cacabc (4) acbcab
SSC Multi-Tasking Staff
Exam. 17.03.2013, IInd Sitting)
84. a _ bba _ bba _ bb
(1) aab (2) abb
(3) bbb (4) bba
SSC Graduate Level Tier-I
Exam. 21.04.2013, 1st Sitting)
85. ab _ babc _ ab _ b _ bcb _ b
(1) c b c a a (2) c a b a c
(3) a b c b a (4) a c a c a
SSC Graduate Level Tier-I
Exam. 21.04.2013, IInd Sitting)
86. b _ f _ _ _ dfg _
(1) dgggb (2) dggbg
(3) bgdgg (4) gdggg
SSC Constable (GD)
Exam. 12.05.2013)
87. _ aabab _ ab _ ab _ bba
(1) bbaa (2) baaa
(3) abaa (4) abba
SSC Graduate Level Tier-I
Exam. 19.05.2013, 1st Sitting)
88. aa _ baa _ aaa _ ba _ ba
(1) abba (2) abab
(3) abaa (4) babb
SSC Graduate Level Tier-I
Exam. 19.05.2013, 1st Sitting)
89. a _ _ b abba _ abb a _ ba
(1) abab (2) abba
(3) aabb (4) aaab
SSC Graduate Level Tier-I
Exam. 19.05.2013, 1st Sitting)
90. AZB _ , AZ _ Y, A _ BY, _ ZBY
(1) YBZA (2) BYAZ
(3) BZYA (4) AZBY
SSC Graduate Level Tier-I
Exam. 19.05.2013, 1st Sitting)
91. _ bcab _ cab _ abca _ b
(1) abac (2) abca
(3) aabc (4) bbca
SSC Graduate Level Tier-I
Exam. 19.05.2013, 1st Sitting)

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92. b_ab_b_aab_b

- (1) aabb (2) abbb
(3) abba (4) baaa

(SSC Graduate Level Tier-I
Exam. 19.05.2013, 1st Sitting)

93. __ ab__a__bba__bb_a_b

- (1) abbbab (2) babbba
(3) bbaabb (4) abaaab

(SSC Cabinet Secretariat RO
(ECO), DFO (T) & DFO (GD) Tier-I
Exam. 23.06.2013)

94. __StUr__S__Urr__tUrrS__U

- (1) rStUU (2) rrStS
(3) rrtSt (4) SSttU

(SSC Cabinet Secretariat RO
(ECO), DFO (T) & DFO (GD) Tier-I
Exam. 23.06.2013)

95. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

r t x _ s x _ z _ t x y _ _ y z

- (1) y y r x s (2) y y s x r
(3) y y r s x (4) y y x r s

(SSC CAPFs SI, CISF ASI & Delhi
Police SI Exam. 22.06.2014)

96. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

ab_d_aaba_na_badna_badna

- (1) babda (2) andaa
(3) badna (4) dbanb

(SSC CAPFs SI, CISF ASI & Delhi
Police SI Exam. 22.06.2014)

97. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

a _ ca _ ca _ caa _

- (1) caca (2) cacc
(3) caac (4) ccca

(SSC GL Tier-I Re-Exam. (2013)
20.07.2014, 1st Sitting)

98. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

a_c_baab_cb__

- (1) abbc (2) abab
(3) aabb (4) bcca

(SSC GL Tier-I Re-Exam. (2013)
20.07.2014, IInd Sitting)

99. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

R_S_ PM_KSB_MRK_

- (1) KRKSP (2) KBRPS
(3) RKSPM (4) BPSMP

(SSC GL Tier-I Exam. 26.10.2014)

Directions (100-101) : In the following questions, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

(SSC CHSL (10+2) DEO & LDC
Exam. 02.11.2014, Patna Region :
1st Sitting)

100. gfe__ig__eii__fei__gf__ii

- (1) eifgi (2) figie
(3) ifgie (4) ifige

101. aa_a_b__abaa__

- (1) abab (2) baab
(3) baba (4) abba

102. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

_cb__ca__bacb__ca__bac__d

- (1) b a d d d b (2) b b b d d d
(3) a d d d d b (4) a d d b b b

(SSC CHSL (10+2) DEO & LDC
Exam. 09.11.2014)

Directions (103 - 104) : In each of the following questions, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it.

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, Patna Region :
1st Sitting)

103. m _ m _ am _ a _

- (1) amam (2) ammm
(3) amaa (4) mama

104. a _ ba _ b _ b _ a _ b

- (1) abaab (2) aabba
(3) bbabb (4) abbab

105. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

_ ab _ b _ bc _ ca _

- (1) accbb (2) abcca
(3) cacab (4) abacb

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014)

106. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

ac__c__cb__acbcacba__bc

- (1) abbb (2) bacc
(3) babc (4) bbcc

(SSC CGL Tier-I Exam. 19.10.2014
TF No. 022 MH 3)

107. Following words follow logical progression :

ACE - TAB; COG - ADD; EAR - RAF; GUT - UGH;

Which of these could be the next word ?

- (1) KID - BAL (2) IVY - TAJ
(3) BOY - DOC (4) TOO - SUV

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, 1st Sitting
TF No. 333 LO 2)

108. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

ab__aabb__bb__

- (1) abbb (2) abab
(3) baba (4) baaa

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014, 1st Sitting
TF No. 333 LO 2)

Directions (109-110) : In each of the following questions, which one set of letters when sequentially placed at the gaps in the given letters series shall complete it ?

(SSC CAPFs SI, CISF ASI & Delhi
Police SI Exam, 21.06.2015
(1st Sitting) TF No. 8037731)

109. B _ CCABB _ CABBC _ AB _ CCA

- (1) BCBC (2) BBBC
(3) BCCB (4) BBCC

110. LU_ TUPUBTU _ L UBT _ P _ UBTUP

- (1) BPUL (2) BUPL
(3) LBPU (4) PBUL

Directions (111-112) : In the following two questions, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

(SSC CAPFs SI, CISF ASI & Delhi
Police SI Exam, 21.06.2015
IInd Sitting)

111. b__cd__d__bcc__cdb__

- (1) dbbbc (2) bddcb
(3) dccbd (4) bcccb

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112. ab__dda__ccd__bb__d__

- (1) ccaac (2) cbaca
(3) cbcba (4) cbbcd

Directions (113-114) : In the following two questions, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

(SSC CGL Tier-I Exam, 09.08.2015
(1st Sitting) TF No. 1443088)

113. a__ dba __ bca d __ da __ cd

- (1) aabbccdd (2) bccdbcab
(3) abcdcdca (4) cbcdcdca

114. ccbab _ caa _ bccc _ a _

- (1) babc (2) babb
(3) bbba (4) baab

Directions (115-116) : In the following questions, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it.

(SSC CGL Tier-I Exam, 09.08.2015
(IIInd Sitting) TF No. 4239378)

115. adb _ ac _ da _ cddcb _ dbc _ cbda

- (1) b c c b a (2) c c b b a
(3) c b b a a (4) b b c a d

116. a _ b _ ca _ b _ c _ a _ cc

- (1) a c b c a b (2) a b a b c a
(3) a c a c a b (4) a b a b a c

Directions (117-119) : In each of the following questions, which one set of letters/numbers when sequentially placed at the gaps in the given letter series shall complete it?

(SSC CGL Tier-I Exam, 16.08.2015
(1st Sitting) TF No. 3196279)

117. SH _ ELAS _ EELA _ HEELA
SHEE _ A

- (1) HHSS (2) EEHS
(3) EHSL (4) ELHA

118. __ aba __ ba _ ab

- (1) abbab (2) baabb
(3) abbbb (4) bbaba

119. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

BR __ NB _ O _ NB

- (1) OWOW (2) RORO
(3) WNWN (4) OWRW

(SSC CGL Tier-I Exam, 16.08.2015
(IIInd Sitting) TF No. 2176783)

Directions (120-121) : In each of the following questions, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

(SSC (10+2) LDC/DEO/PA/SA
Exam. 01.11.2015 TF No. 1098066)

120. _ zy _ xzy _ yxzx _ zyx _ xy

- (1) zxyzy (2) xyzyz
(3) yxzyz (4) yzxyx

121. b _ ac _ cc _ cb _ ab _ ac

- (1) cbaba (2) bbaac
(3) abbbc (4) aabba

Directions (122-124) : In each of the following questions, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

(SSC CHSL (10+2) LDC, DEO & PA/SA
Exam, 01.11.2015, IIInd Sitting)

122. __ babbba_a__

- (1) baaab (2) babbb
(3) ababb (4) bbaba

123. oopqop_qoo_qo_oqo_pq

- (1) oppo (2) popo
(3) opop (4) poop

124. a_baa_baa_ba

- (1) bbb (2) bab
(3) bba (4) aab

125. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

__bbm__amb__m__a__bbm

- (1) mbabm (2) ambbm
(3) mabam (4) abmab

(SSC CHSL (10+2) LDC, DEO
& PA/SA Exam, 15.11.2015
(IIInd Sitting) TF No. 7203752)

126. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

__bcc__aabc__baab__

- (1) acac (2) abcc
(3) acbc (4) abac

(SSC CHSL (10+2) LDC, DEO
& PA/SA Exam, 06.12.2015
(1st Sitting) TF No. 1375232)

127. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

ab_cba_bcc_aabccb__bccba

- (1) abbac (2) ccaab
(3) abcab (4) cabaa

(SSC CHSL (10+2) LDC, DEO
& PA/SA Exam, 06.12.2015
(IIInd Sitting) TF No. 3441135)

128. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

aac_bba_cc_baa_cb__

- (1) abaac (2) cabcb
(3) bcacb (4) bacbc

(SSC CHSL (10+2) LDC, DEO
& PA/SA Exam, 20.12.2015
(1st Sitting) TF No. 9692918)

Directions (129-130) : In each of the following questions, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

(SSC (10+2) Stenographer Grade
'C' & 'D' Exam. 31.01.2016
TF No. 3513283)

129. bb_aab_caab_ca__

- (1) abbc (2) bcab
(3) cbba (4) acab

130. _cdb_ddb_db_c_d

- (1) bbbcc (2) cccbc
(3) bcbcb (4) ccbcc

131. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

h_t_l_tt_lht_m_htt_l

- (1) hmttlm (2) tmhmtlm
(3) lmtmhmt (4) mmhtlm

(SSC (10+2) Stenographer Grade 'C'
& 'D' Exam. 31.07.2016)

132. In the following question, a series is given with one or more number(s)/alphabet missing. Choose the correct alternative from the given options.

PQR_, PQ_S, P_RS, _QRS

- (1) SRQP (2) SQRP
(3) SRPQ (4) RSPQ

(SSC CPO SI, ASI Online
Exam.05.06.2016) (IIInd Sitting)

133. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

s - nx - mnx - mn - sm - x

- (1) mssxn (2) nxymx
(3) nmxxn (4) smnxx

(SSC CAPFs (CPO) SI & ASI,
Delhi Police Exam. 20.03.2016
(IIInd Sitting)

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134. In the following question, a series is given with one or more alphabet missing. Choose the correct alternative from the given options.

X_ZY_X_YZY_X

- (1) XZYX (2) ZYXY
(3) YZXZ (4) YYZZ

(SSC CPO SI & ASI, Online Exam. 06.06.2016) (IInd Sitting)

135. In the following questions, a series is given with one or more alphabet missing. Choose the correct alternative from the given options.

pp _ _ qp _ pqq _ pqq _ _ qq _ q

- (1) q q p q p q p
(2) p p p p q p q
(3) q q p q p q p
(4) q q p p p p q

(SSC CPO SI & ASI, Online Exam. 06.06.2016) (IInd Sitting)

136. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

a _ ca _ c _ dc _ d _ ad _

- (1) ddacdc (2) daadca
(3) dadaac (4) ddaacc

(SSC CGL Tier-I (CBE) Exam. 28.08.2016) (IInd Sitting)

137. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

_sr_tr_srs_r_srst_

- (1) ttssrr (2) tsrtsr
(3) strtrs (4) tsrttr

(SSC CGL Tier-I (CBE) Exam. 01.09.2016) (Ist Sitting)

138. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

H _ JH _ IJHHI _ HH _ JH

- (1) I H J I (2) H I H I
(3) I H I J (4) H J H J

(SSC CGL Tier-I (CBE) Exam. 04.09.2016) (Ist Sitting)

139. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

xy_kx_zk_yzk xyz_ _

- (1) zyxx (2) zyxz
(3) zkxyk (4) zxykx

(SSC CGL Tier-I (CBE) Exam. 07.09.2016) (Ist Sitting)

140. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

g f e _ i g _ e i i _ f e i _ g f _ i i

- (1) ifgie (2) figie
(3) eifgi (4) ifige

(SSC CGL Tier-I (CBE) Exam. 30.08.2016) (IInd Sitting)

141. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

ajs, gpy, ?, sbk, yhq

- (1) dmv (2) mve
(3) oua (4) qzi

(SSC CGL Tier-I (CBE) Exam. 02.09.2016) (Ist Sitting)

142. Which one set letters when sequentially placed at the gaps in the given letter series shall complete it?

M _ OMMN _ M _ NOMMN _ M

- (1) O N M O (2) N O M O
(3) M O N M (4) N N M O

(SSC CGL Tier-I (CBE) Exam. 01.09.2016) (IInd Sitting)

143. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

dem, fgo, hiq, ____

- (1) jkt (2) ikp
(3) jks (4) klt

(SSC CGL Tier-I (CBE) Exam. 03.09.2016) (IIIrd Sitting)

144. In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

JK_MJ_LM_KL_

- (1) JKLL (2) LKKM
(3) LKJM (4) KJLM

(SSC CHSL (10+2) Tier-I (CBE) Exam. 15.01.2017) (IInd Sitting)

145. Which set of letters when sequentially placed at the gaps in the given letter series shall complete it?

CD_E_DD_CD_E

- (1) CDCD (2) DCCC
(3) DCED (4) DDDC

(SSC CHSL (10+2) Tier-I (CBE) Exam. 16.01.2017) (IInd Sitting)

TYPE-IV

1. Find out the number that does not belong to the group for lack of common property.

(169, 289, 361, 442, 484, 729)

- (1) 484 (2) 442

- (3) 361 (4) 289

(SSC Combined Graduate Level Prelim Exam. 24.02.2002 (First Sitting))

2. Find the wrong number in the following series :

16, 16, 17, 21, 27, 46, 71

- (1) 27 (2) 46

- (3) 16 (4) 71

(SSC Stenographer Grade 'C' & 'D' Exam. 09.01.2011)

3. Find out the **wrong** number from the given series.

5, 27, 61, 122, 213, 340, 509

- (1) 27 (2) 61

- (3) 122 (4) 509

(SSC Multi-Tasking (Non-Technical) Staff Exam. 20.02.2011)

4. Find out the wrong number in the series.

216, 163, 120, 72, 24

- (1) 216 (2) 163

- (3) 72 (4) 24

(SSC Multi-Tasking (Non-Technical) Staff Exam. 27.02.2011)

5. Select the number which does **not** belong to the given series :

2, 8, 3, 27, 4, 64, 5, 225

- (1) 27 (2) 8

- (3) 225 (4) 64

(SSC Stenographer (Grade 'C' & 'D') Exam. 16.10.2011)

6. Find the wrong number in the given series.

13, 24, 29, 39, 44, 54, 61, 69

- (1) 61 (2) 13

- (3) 44 (4) 24

(SSC (10+2) Level Data Entry Operator & LDC Exam. 04.12.2011 (IInd Sitting) (North Zone))

7. Find the wrong number in the given series :

6, 14, 31, 64, 137, 280

- (1) 31 (2) 64

- (3) 137 (4) 280

(SSC (10+2) Level Data Entry Operator & LDC Exam. 04.12.2011 (Ist Sitting) (East Zone))

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TYPE-V

8. Find the wrong number in the given series.

8, 16, 24, 40, 62, 104, 168

- (1) 24 (2) 40
(3) 62 (4) 104

SSC (10+2) Level Data Entry Operator & LDC Exam. 04.12.2011 (IInd Sitting (East Zone))

9. Find the wrong number in the given series.

20, 40, 200, 400, 2000, 4000, 8000

- (1) 200 (2) 2000
(3) 8000 (4) 4000

SSC (10+2) Level Data Entry Operator & LDC Exam. 11.12.2011 (IInd Sitting (Delhi Zone))

10. How many times is 9 preceded by either 6 or 1 and followed by either 5 or 8 in the following series ?

895176982198435913695

- (1) 1 (2) 2
(3) 3 (4) 4

(SSC Assistant Grade-III Exam. 11.11.2012 (IInd Sitting))

11. Which number is wrong in the series ?

5, 11, 23, 47, 96

- (1) 47 (2) 23
(3) 96 (4) 11

(SSC (10+2) Level Data Entry Operator & LDC Exam. 04.11.2012, 1st Sitting)

12. Which is the wrong term in the series?

25, 36, 49, 81, 121, 169, 225

- (1) 36 (2) 121
(3) 49 (4) 81

(SSC Multi-Tasking Staff Exam. 17.03.2013, 1st Sitting)

13. Find out the odd/wrong number in the given series:

62, 46, 34, 24, 16, 10

- (1) 62 (2) 46
(3) 34 (4) 24

(SSC Multi-Tasking Staff Exam. 24.03.2013, 1st Sitting)

14. Find out the wrong number in the sequence

102, 101, 98, 93, 86, 74, 66, 53

- (1) 101 (2) 66
(3) 74 (4) 93

(SSC Graduate Level Tier-I Exam. 19.05.2013, IInd Sitting)

1. Number of letters skipped in between adjacent letters goes on increasing successively by one in the series. Identify the set following the above rule.

- (1) AEIMQU (2) EHKNQT
(3) DINSXC (4) FHKOTZ

(SSC Combined Graduate Level Prelim Exam. 27.02.2000 (1st Sitting))

2. Number of letters skipped in between adjacent letters in the series increases by one. Which of the following series observe the ruling given above?

- (1) CEHLQW (2) CLOUBK
(3) CHMRWB (4) HLPXTN

(SSC Combined Graduate Level Prelim Exam. 27.02.2000 (Second Sitting))

3. In the following question, numbers of letters skipped in reverse order in between adjacent letters in the series is constant. Which of the following series observe this rule ?

- (1) SPMJG (2) SQOLJ
(3) SPNLJ (4) WUTRQ

(SSC CPO Sub-Inspector Exam. 12.01.2003)

- Directions (4) :** In question, number of letters skipped in between adjacent letters in the series is increased by one. Which of the following series observes the rule ?

(SSC CPO Sub-Inspector Exam. 26.05.2005)

4. (1) ACFJN (2) ACFJO
(3) ADFJO (4) ACFKO

(SSC CPO Sub-Inspector Exam. 26.05.2005)

5. The letters in BYDWFU have been grouped according to a rule. Which of the following follows this rule ?

- (1) AZCXDV (2) AZCYDW
(3) GTIRKP (4) GTIRKL

(SSC Statistical Investigators Grade-IV Exam. 31.07.2005)

6. The number of letters skipped in between adjacent letters in the series is decreased by one. Which of the following series observe the rule ?

- (1) DJOTV (2) DJOSV
(3) DJOSW (4) DIOSU

(SSC CPO SI Exam. 03.09.2006)

7. In the following question, the number of letters skipped in between adjacent letters in the series is 5. Which of the following series observes this rule ?

- (1) X D I P V (2) X D K P V
(3) X D J O U (4) X D J P V

(SSC Combined Graduate Level Prelim Exam. 27.07.2008 (First Sitting))

8. The number of letters skipped in between adjacent letters in a series is 5. Which of the following series observe this rule ?

- (1) CIOUA (2) CINUA
(3) CIOTA (4) CIOUZ

(SSC Combined Graduate Level Prelim Exam. 27.07.2008 (Second Sitting))

9. In the following question, number of letters skipped in between adjacent letters of the series starting from behind increased by one. Which one of the following observes the rule ?

- (1) ONLKJ (2) OMJFA
(3) OIGDC (4) OMKIG

(SSC SAS Exam. 26.06.2010 (Paper-I))

10. In the following question, increasing number of letters are skipped in between adjacent letters in a series. Which of the following series fulfils this rule ?

- (1) BGMTA (2) BGMSZ
(3) BGMTB (4) BGLRY

(SSC CPO Sub-Inspector Exam. 12.12.2010 (Paper-I))

11. In the following question, number of letters are skipped in between by a particular rule. Which of the following observes the rule ?

- (1) ACZXFJG (2) CFXURI
(3) CFIURX (4) CFXUIR

(SSC Combined Graduate Level Prelim Exam. 19.06.2011 (Second Sitting))

12. In the following question, number of letters are skipped in between by a particular rule. Which of the following series observe the rule?

- (1) ABFGJK (2) ACFJOU
(3) MPQSTV (4) ADFHJL

(SSC Combined Graduate Level Tier-1 Exam. 26.06.2011 (First Sitting))

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- 13.** In the following question, number of letters are skipped in between by a particular rule. Which of the following series observes the rule?
 (1) AEJOTY (2) AFKPUZ
 (3) AFKPTY (4) AEINRV
 (SSC Combined Graduate Level Tier-1 Exam. 26.06.2011 (Second Sitting))
- 14.** In the following question, a letter has been skipped after every letter. Which of the following series observes the rule given above?
 (1) A B C D E F
 (2) L M N O P Q
 (3) A C E G I K
 (4) G H I J K L
 (SSC Combined Matric Level (PRE) Exam. 13.05.2001 (1st Sitting))
- 15.** In the following question the number of letters skipped in between the adjacent letters in the series is constant. Which of the following series observe the given rule?
 (1) k m p q r (2) h j l m o
 (3) p r s u w (4) e g i k m
 (SSC Combined Matric Level (PRE) Exam. 13.05.2001 (1st Sitting))
- Directions (16-17) :** In the following questions number of letters are skipped in between by a particular rule. Which of the following series observes the rule?
 (SSC Combined Matric Level (PRE) Exam. 13.05.2001 (1Ind Sitting))
- 16.** (1) ZXTNCD (2) MNXYPO
 (3) PRTVXZ (4) RSABLM
 (SSC Combined Matric Level (PRE) Exam. 13.05.2001 (1Ind Sitting))
- 17.** (1) RTVYZAC (2) KMORTUW
 (3) SUWYACE (4) OWZDIOV
 (SSC Combined Matric Level (PRE) Exam. 13.05.2001 (1Ind Sitting))
- 18.** Number of letters skipped in between adjacent letters in the series increases by one every time. Which of the following series observes this rule?
 (1) ACFKO (2) DGKPV
 (3) DBKAM (4) QSVXZ
 (SSC Combined Matric Level (PRE) Exam. 27.05.2001 (1Ind Sitting) (East Zone))
- 19.** In the following, 5 letters have been skipped between two letters. Which of the following observes the rule given above?
 (1) RXD (2) ABE
 (3) PQT (4) LMQ
 (SSC Combined Matric Level (PRE) Exam. 27.05.2001 (1Ind Sitting) (East Zone))
- 20.** In the following letter series, the number of letters skipped between adjacent letters in the series increases by one. Which of the following series observes the rule?
 (1) GKMOVYB (2) HJMQVBI
 (3) HLOSUYA (4) JKVYBMO
 (SSC Combined Matric Level (PRE) Exam. 05.05.2002 (1st Sitting) (Eastern Zone, Guwahati))
- 21.** In the following question, number of letters skipped in between adjacent letters in the series decreases one each time. Which of the following series observes the rule?
 (1) MSYBG (2) IMTXB
 (3) BHNSV (4) TZEIL
 (SSC Combined Matric Level (PRE) Exam. 05.05.2002 (1st Sitting) (North Zone, Delhi))
- Directions (22-23) :** In the following series the number of letters skipped in between the adjacent letters in the series is the same. Which of the following series observes the given rule?
 (SSC Combined Matric Level (PRE) Exam. 05.05.2002 (1Ind Sitting) (North Zone Delhi))
- 22.** (1) URNJ (2) ZVRO
 (3) HDAW (4) CYUQ
 (SSC Combined Matric Level (PRE) Exam. 05.05.2002 (1Ind Sitting) (North Zone Delhi))
- 23.** (1) TSWVZA (2) TSWVZY
 (3) HILKON (4) POSRUV
 (SSC Combined Matric Level (PRE) Exam. 05.05.2002 (1Ind Sitting) (North Zone Delhi))
- 24.** In the following question the letter sequence is formed by skipping 3 letters in the backward direction from the starting letter. Which one of the following alternatives has been formed using the above principle?
 (1) GCYU (2) MQUY
 (3) VSPM (4) PLIE
 (SSC Combined Matric Level (PRE) Exam. 12.05.2002 (1st Sitting))
- 25.** The number of letters skipped in between two adjacent letters in this series increases by multiples of 2. Which of the following series does not observe the rule given above?
 (1) ADIPY (2) JMRYG
 (3) EHMTTC (4) HKPWF
 (SSC Combined Matric Level (PRE) Exam. 12.05.2002 (1st Sitting))
- 26.** In the given question the letter sequence is formed by skipping 3 letters in the forward direction. Identify from the following alternatives which one of them cannot be formed using the above principle.
 (1) GKOS (2) TXBF
 (3) MPSW (4) AEIM
 (SSC Combined Matric Level (PRE) Exam. 12.05.2002 (1Ind Sitting))
- 27.** The number of letters skipped between adjacent letters in the series decreases from 5 to 1. Which of the following series does not observe the rule given above?
 (1) ZTOKHF (2) OIDZUW
 (3) QKFCYW (4) WQLHEC
 (SSC Combined Matric Level (PRE) Exam. 12.05.2002 (1Ind Sitting))
- 28.** The number of letters missed is not uniform. Which of the following series observes the above rule?
 (1) MORTXY (2) PRTVXZ
 (3) DGJMPS (4) BFJNRV
 (SSC Combined Matric Level (PRE) Exam. 16.06.2002 (Re-Exam))
- Direction (29) :** In one of the series of letters given below adjacent letters are skipped in a decreasing order. Which one of the following series observes the rule given above?
 (SSC Combined Matric Level (PRE) Exam. 30.07.2006 (1st Sitting) (East Zone))
- 29.** (1) B _ H _ K _ I _ S
 (2) A _ G _ K _ N _ P
 (3) N _ P _ H _ J _ C
 (4) C _ J _ G _ T _ U
 (SSC Combined Matric Level (PRE) Exam. 30.07.2006 (1st Sitting) (East Zone))
- 30.** In the following question number of letters skipped in between adjacent letters in the series is increased by one. Which of the following series observes the rule?
 (1) B F I L Q (2) E I N T A
 (3) D H K P V (4) A D H K M
 (SSC Combined Matric Level (PRE) Exam. 30.07.2006 (1st Sitting) (East Zone))

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31. The number of letters skipped in between adjacent letters in the series decreases by one each time. Which of the following series observes the rule?

- (1) CGKOS (2) DHLPT
(3) EJNQS (4) BFJNR

SSC Combined Matric Level (Pre) Exam.
30.07.2006 (IInd Sitting) (Central Zone)

32. The number of letters skipped in between adjacent letters in the series is increased by one each time. Which of the following series observes the rule?

- (1) ADHMS (2) HKOSV
(3) GJNSX (4) FLQUX

SSC Combined Matric Level (Pre) Exam.
30.07.2006 (IInd Sitting) (Central Zone)

33. Number of letters skipped in between adjacent letters in the series increases by one. Which of the following series observe the ruling?

- (1) ACFJNS (2) EGJNSY
(3) CEHLPS (4) KNQTW

(SSC Level Data Entry Operator &
LDC Exam.28.10.2012 (1st Sitting))

34. Number of letters skipped in between adjacent letters in the series increases by one. Which of the following series observe the ruling given below?

- (1) ACFJOU (2) JLNPOQ
(3) ZXMKJL (4) KCAOPO

(SSC Multi-Tasking Staff
Exam. 24.03.2013, 1st Sitting)

35. In the following question, the number of letters skipped in between adjacent letters in the series is successive even numbers. Which of the following series observes this rule?

- (1) ADGJM (2) BEJQZ
(3) BDGKQ (4) FINUZ

(SSC Graduate Level Tier-I
Exam. 21.04.2013, 1st Sitting)

36. How many such pairs of letters are there in the word RECOVERED, which have as many letters between them in the word as in the English alphabet?

- (1) Three (2) Four
(3) Six (4) Five

(SSC CGL Tier-I
Re-Exam-2013, 27.04.2014)

37. In the following question number of letters skipped in between adjacent letters in the series increased by one. Which of the following series observe the rule?

- (1) KORYBGJ (2) LMEYTPK
(3) KMPTYEL (4) KPTYELM

(SSC CAPFs SI, CISF ASI & Delhi
Police SI Exam. 22.06.2014)

38. In the following question, number of letters skipped in between adjacent letters is increased by one. Which of the following letter series observes the rule?

- (1) KILMOPQ (2) NOPRQST
(3) BEINTAI (4) CDEHGFI

(SSC CAPFs SI, CISF ASI & Delhi
Police SI Exam. 22.06.2014)

39. Number of letters skipped in between adjacent letters in the series increases by one. Which of the following series observes the rule above?

- (1) CPTOV (2) HJHQV
(3) HCFKP (4) IKNRW

(SSC GL Tier-I Re-Exam. (2013)
20.07.2014, 1st Sitting)

40. Number of letters skipped in between adjacent letters in the series increases by one. Which of the following series observes this rule?

- (1) WBKQXYF (2) WYBFKQX
(3) YBQOFHN (4) WZCHJMQ

(SSC GL Tier-I Re-Exam. (2013)
20.07.2014, IInd Sitting)

41. In the following question letters are skipped between by following a particular rule. Which of the following series observes the rule?

- (1) BDFIJ (2) DGJLM
(3) BDHPF (4) ACFHJ

(SSC CHSL (10+2) DEO & LDC
Exam. 16.11.2014)

42. In the following question, number of letters skipped in between adjacent letters of the series starting from behind increased by one. Which of the following observes the rule?

- (1) ONLKJ (2) OMJFA
(3) OIGDC (4) OMKIG

(SSC (10+2) Stenographer Grade
'C' & 'D' Exam. 31.01.2016
TF No. 3513283)

TYPE-VI

Directions : In each of the following questions, a series is given, with one/two terms(s) missing. Choose the correct alternative from the given ones that will complete the series.

1. $\frac{A}{4}, \frac{D}{9}, \frac{H}{15}, \frac{M}{22}, ?$

(1) $\frac{R}{30}$ (2) $\frac{S}{30}$

(3) $\frac{Q}{31}$ (4) $\frac{Q}{30}$

(SSC Combined Graduate Level Prelim
Exam. 27.07.2008 (1st Sitting))

2. 25 - K - 8, 23 - I - 11, 21 - G - 14, 19 - E - 17, ?

(1) 17 - F - 19 (2) 19 - C - 17
(3) 17 - C - 20 (4) 20 - D - 17

(SSC Combined Graduate Level Prelim
Exam. 27.07.2008 (1st Sitting))

3. $\frac{D}{5}, \frac{G}{9}, \frac{J}{14}, \frac{M}{20}, ?$

(1) $\frac{Q}{26}$ (2) $\frac{O}{26}$

(3) $\frac{Q}{27}$ (4) $\frac{P}{27}$

(SSC Combined Graduate Level Prelim
Exam. 27.07.2008 (IInd- Sitting))

4. B2D, E3H, I4M, ?

- (1) N5R (2) N5T
(3) N5S (4) N5Q

(SSC Combined Graduate Level Prelim
Exam. 27.07.2008 (IInd- Sitting))

5. 4E, 8I, 13N, 19T, ?

- (1) 26U (2) 26A
(3) 26Z (4) 25Y

(SSC CISF ASI Exam. 29.08.2010
(Paper-I))

6. b 3 P, c 6 R, d 12 T, e 24 V, ?

- (1) f 48 X (2) f 46 X
(3) f 48 W (4) g 48 X

(SSC CPO Sub-Inspector
Exam. 12.12.2010 (Paper-I))

7. $\frac{c}{6}, \frac{e}{10}, \frac{g}{14}, \frac{i}{18}, ?$

(1) $\frac{k}{22}$ (2) $\frac{k}{11}$

(3) $\frac{p}{22}$ (4) $\frac{p}{11}$

(SSC CPO Sub-Inspector
Exam. 12.12.2010 (Paper-I))

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8. $5 \ 9 \ ? = 84$
 $8 \ 6 \ 4 = 56$
 $7 \ 3 \ 7 = 70$
 (1) 4 (2) 7
 (3) 5 (4) 6
 (SSC Combined Graduate Level Tier-1 Exam. 26.06.2011 (Second Sitting))
9. 4, A, 9, B, 6, C, 11, D, ?
 (1) 7 (2) 8
 (3) 14 (4) 17
 (SSC Combined Matric Level (PRE) Exam. 13.05.2001 (1st Sitting))
10. W-144, ?, S-100, Q-81, O-64
 (1) V-121 (2) U-122
 (3) V-128 (4) U-121
 (SSC Combined Matric Level (PRE) Exam. 05.05.2002 (1st Sitting) (North Zone, Delhi))
11. In the following series of letters, how many p's are preceded by t and followed by p?
 p t p t t p p t p t p p p q q p t p
 t t p p p t
 (1) 1 (2) 2
 (3) 3 (4) 4
 (SSC Combined Matric Level (Pre) Exam. 05.05.2002 (IInd Sitting) (North Zone Delhi))
12. In the given series of letters, how many triple p's are there?
 p t p t p t p t p p p q p t p p p t
 (1) 1 (2) 2
 (3) 3 (4) 4
 (SSC Combined Matric Level (Pre) Exam. 12.05.2002 (1st Sitting))
13. 1ZA, 3YB, 6XC, 10WD, ?
 (1) 14VE (2) 15UE
 (3) 12VE (4) 15VE
 (SSC Combined Matric Level (Pre) Exam. 12.05.2002 (IInd Sitting))
14. In the given series of letters, how many t's are preceded and followed by t?
 P t P t P P t P t P P P q q P t P t P P P t
 (1) 0 (2) 2
 (3) 3 (4) 4
 (SSC Combined Matric Level (Pre) Exam. 12.05.2002 (IInd Sitting))
15. In the series given below count the number of 9s. each of which is not immediately preceded by 5 but is immediately followed by either 2 or 3. How many such 9s are there?
 1 9 2 6 5 9 3 8 3 9 3 2 5 9
 2 9 3 4 8 2 6 9 8
 (1) 1 (2) 5
 (3) 3 (4) 6
 (SSC Combined Matric Level (Pre) Exam. 12.05.2002 (IInd Sitting))
16. If the following alphabets are arranged in the reverse order starting with Z and every alternate alphabet is removed from the series, which alphabet will lie in the centre of the resulting series.
 A B C D E F G H I J K L M N O P
 Q R S T U V W X Y Z
 (1) N (2) N or O
 (3) M or O (4) M
 (SSC Combined Matric Level (Pre) Exam. 12.05.2002 (IInd Sitting))
17. Rule : Every alternate letter of the given group of letters is written in the small form.
Questionss : Which of the following observe the rule?
 (1) Tine (2) fOrM
 (3) boRN (4) eTAL
 (SSC Combined Matric Level (Pre) Exam. 16.06.2002 (Re-Exam))
- Directions (18-22) :** Study the given numerals and answer the following questions.
 4 5 3 6 4 6 7 3 6 5 4 2 3 4 5 3 6 4
 2 3 5 7 8 3 6 7 3 2 1 2 3 5 3 6 5 6
 7 3 6 7 3 6 4 1 2 5 4 3 6
 (SSC Combined Matric Level (Pre) Exam. 16.06.2002 (Re-Exam))
18. How many 3's are followed by '6' but not preceded by '4'?
 (1) 8 (2) 7
 (3) 6 (4) 5
19. How many 2's are preceded by the 4's but not followed by 5?
 (1) 6 (2) 5
 (3) 4 (4) 2
20. How many 5's are either followed or preceded by 3?
 (1) 3 (2) 4
 (3) 5 (4) 6
21. How many 4's are neither followed nor preceded by 6?
 (1) 3 (2) 5
 (3) 4 (4) 6
22. How many 7's are followed 3 and preceded by 6?
 (1) 4 (2) 5
 (3) 3 (4) 2
23. In the series of digits
 846734378344563464348, the digit with the least frequency is
 (1) 8 (2) 7
 (3) 5 (4) 4
 (SSC Combined Matric Level (Pre) Exam. 30.07.2006 (1st Sitting) (East Zone))
24. How many 7s in the following sequence of numbers are immediately preceded by 6 but not immediately followed by 8?
 3 4 8 7 6 1 5 6 7 8 4 9 6 7 5
 (1) 1 (2) 2
 (3) 3 (4) 0
 (SSC Combined Matric Level (Pre) Exam. 30.07.2006 (1st Sitting) (East Zone))
25. In the following series of numerals, which digit has maximum frequency?
 846734378344563464384
 (1) 8 (2) 6
 (3) 4 (4) 3
 (SSC Combined Matric Level (Pre) Exam. 30.07.2006 (IInd Sitting) (Central Zone))
26. How many even numbers are there in the following sequence of numbers which are immediately followed by an odd number as well as immediately preceded by an even number?
 86768932753422355228119
 (1) One (2) Three
 (3) Four (4) Five
 (SSC Combined Matric Level (Pre) Exam. 30.07.2006 (IInd Sitting) (Central Zone))
27. Z3a, W5d, T8g, Q12j, ?
 (1) M16n (2) N17m
 (3) N16k (4) K17n
 (SSC Data Entry Operator Exam. 31.08.2008)
28. How many 'O' are followed by an even number and preceded by an odd number in the following series ?
 3 0 2 5 0 3 2 0 3 2 0 2 7 0 4 0 5
 8 0 7 0 4 2 0 8
 (1) 4 (2) 3
 (3) 2 (4) 1
 (SSC Constable (GD) & Rifleman (GD) Exam. 22.04.2012 (1st Sitting))
29. How many 9 are followed by an even number and preceded by an odd number in the following series?
 469259339467924894
 (1) 4 (2) 3
 (3) 2 (4) 1
 (SSC Constable (GD) & Rifleman (GD) Exam. 22.04.2012 (IInd Sitting))
- Direction (30) :** In each of the following questions, a series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.
 (SSC Level Data Entry Operator & LDC Exam. 21.10.2012 (1st Sitting))

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- 30.** 3463 (2218) 1245
5324 (?) 3626
(1) 1698 (2) 1592
(3) 2312 (4) 1142
- Directions (31-32) :** In each of the following questions, select the missing number from the given responses.
(SSC Level Data Entry Operator & LDC Exam.21.10.2012 (1st Sitting))
- 31.** If 364 (146) 437,
then 574 (?) 641
(1) 250 (2) 134
(3) 236 (4) 356
- 32.** 1 8
? 27
(1) 35 (2) 61
(3) 41 (4) 64
- Directions (33-34) :** In each of the following questions, select the missing number from the given responses.
(SSC Level Data Entry Operator & LDC Exam.04.11.2012 (IInd Sitting))
- 33.** If $8 - 8 = 16$; $7 - 7 = 14$; $6 - 6 = 12$, what is $5 - 5 = ?$
(1) 15 (2) 10
(3) 12 (4) 8
- 34.** If $5 \times 7 = 5$; $12 \times 3 = 6$; $8 \times 9 = 2$, what is the value of $6 \times 8 = ?$
(1) 5 (2) 6
(3) 8 (4) 2
- Directions (35 -36) :** In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
(SSC Graduate Level Tier-I Exam.11.11.2012 (1st Sitting))
- 35.** 6, 8 :: 2, 12 :: 5, 9 :: 4, ?
(1) 5 (2) 8
(3) 10 (4) 11
- 36.** 2, 1, 2 = 5
3, 1, 1 = 4
?, 3, 1 = 7
(1) 0 (2) 4
(3) 2 (4) 1
- 37.** The following data shows the game level and its scores. Find out the score for the 6th level:
Level → 1 2 3 4 5 6
Scores → 2 4 8 14 22 ?
(1) 24 (2) 32
(3) 44 (4) 52
(SSC Graduate Level Tier-I Exam.11.11.2012 (1st Sitting))
- 38.** $B_2CD, _, BCD_4, B_5CD, BC_6D$
(1) B_2CD (2) BCD_2
(3) BC_3D (4) BCD_7
(SSC Assistant Grade-III Exam.11.11.2012 (IInd Sitting))
- 39.** What is once in PEN, twice in PAPER and thrice in PEPPER ?
(1) E (2) P
(3) R (4) A
(SSC Graduate Level Tier-I Exam. 11.11.2012 (1st Sitting))
- 40.** Number of each letter in the given word are indicated in each alternative Identify the correct one.
COMMISSION
(1) $C_1 O_2 M_2 I_2 S_2 N_1$
(2) $C_1 O_1 M_2 I_2 S_2 N_1$
(3) $C_2 O_2 M_2 I_2 S_2 N_1$
(4) $C_1 O_2 M_2 I_2 S_2 N_2$
(SSC CPO Sub-Inspector Exam. 09.11.2008)
- Direction (41) :** Number of letters repeated in the given word are indicated in front of each alternative. Identify the correct alternative.
(SSC CPO Sub-Inspector Exam. 06.09.2009)
- 41. MEASUREMENTS**
(1) $M_2 E_2 A_2 S_2 U_1 R_1 N_1 T_1$
(2) $M_2 E_3 A_1 S_1 U_2 R_1 N_2 T_1$
(3) $M_2 E_2 A_1 S_2 U_1 R_1 N_1 T_1$
(4) $M_2 E_3 A_1 S_2 U_1 R_1 N_1 T_1$
- 42.** Which letter in the alphabets is as far from C as Q is from X?
(1) K (2) J
(3) L (4) P
(SSC Combined Matric Level (PRE) Exam. 13.05.2001 (1st Sitting))
- Directions (43-47) :** Answer the question on the basis of the list of letters given below.
B C D T K N P Q R T U V W T K Z K T L K
N N K T F G Z H K T K N G H J L N K T T
(SSC Combined Matric Level (PRE) Exam. 13.05.2001 (1st Sitting))
- 43.** How many T's are followed by K, but not preceded by K?
(1) 1 (2) 2
(3) 3 (4) 4
- 44.** How many K's are followed by T but not preceded by N?
(1) 1 (2) 2
(3) 3 (4) 4
- 45.** How many K's are with N before or after?
(1) 2 (2) 3
(3) 4 (4) 5
- 46.** How many T's are not followed or preceded by K?
(1) 2 (2) 3
(3) 5 (4) 6
- 47.** How many N's are not followed or preceded by K?
(1) 0 (2) 2
(3) 3 (4) 5
- 48.** In the following list of numbers how many 4's are followed by 5 but not preceded by 6?
2 1 4 5 2 1 3 0 7 6 1 9 4 0 3 6 4
5 4 9 5 8 2 5 3 7 6 8 5 4 5 6 7 4
(1) 5 (2) 6
(3) 4 (4) 2
(SSC Combined Matric Level (PRE) Exam. 13.05.2001 (IInd Sitting))
- 49.** In the following list of letters how many X's are followed by Y and preceded by W?
A C E G I W X Y K M O Q S U
W Y W X Y Z X V T R P N W X
Y L F D W X Y B
(1) 4 (2) 6
(3) 2 (4) 5
(SSC Combined Matric Level (PRE) Exam. 13.05.2001 (IInd Sitting))
- 50.** In the following list of letters how many P's are followed by R and preceded by S?
S J A S P R B K T D U L C S P
R D M V C N E S P R F O W B P
G S P R H Q X A Z Y R I S P R
(1) 4 (2) 3
(3) 5 (4) 6
(SSC Combined Matric Level (PRE) Exam. 13.05.2001 (IInd Sitting))
- 51.** In the following list of numerals, how many 8's are there followed by 6 but not preceded by 2?
6 4 3 2 1 8 2 1 8 6 9 3 4 5 2 8 6
3 8 6 4 9 2 1 6 8 6 4 9 5 4 2 6 4
(1) 5 (2) 4
(3) 3 (4) 1
(SSC Combined Matric Level (PRE) Exam. 27.05.2001 (IInd Sitting) (East Zone))
- 52.** How many 4's are there preceded by 7 but not followed by 3?
5 9 3 2 1 7 4 2 6 9 7 4 6 1 3 2
8 7 4 1 3 8 3 2 5 6 7 4 3 9 5 8 2
0 1 8 7 4 6 3
(1) 3 (2) 5
(3) 6 (4) 4
(SSC Combined Matric Level (PRE) Exam. 27.05.2001 (IInd Sitting) (East Zone))

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53. How many a's are there followed by r's but not preceded by q's?

l m n e f d a r g l t m n t w r a q
s m s t q a r l t n o a r

- (1) 2 (2) 4
(3) 3 (4) 5

(SSC Combined Matric Level (PRE) Exam.
27.05.2001 (IInd Sitting)
(East Zone)

54. How many K's are there preceded by N but not followed by U?

A B C D K N L J M N K S T R Z N
K U A N K U B W X N K L S

- (1) 6 (2) 2
(3) 4 (4) 3

(SSC Combined Matric Level (PRE) Exam.
27.05.2001 (IInd Sitting)
(East Zone)

55. How many L's are there which do not have R preceding them and also do not have T following them?

Z Q S T L R M N Q N R T U V X
R L T A S L T Q R S L T

- (1) 2 (2) 1
(3) 3 (4) 5

(SSC Combined Matric Level (PRE) Exam.
27.05.2001 (IInd Sitting)
(East Zone)

56. P 3 C, R 5 F, T8I, V12 L, ?

- (1) X17M (2) X17O
(3) Y17O (4) X16O

(SSC Graduate Level Tier-I
Exam. 21.04.2013, 1st Sitting)

57. $7, 2 = 59$; $5, 3 = 28$; $9, 1 = 810$;
 $2, 1 = 13$; $5, 4 = ?$

- (1) 19 (2) 9
(3) 20 (4) 239

(SSC Graduate Level Tier-I
Exam. 21.04.2013, IInd Sitting)

58. C2E, E5H, G12K, I27N, ?

- (1) I58P (2) J58Q
(3) K58Q (4) I57Q

(SSC Graduate Level Tier-I
Exam. 19.05.2013, 1st Sitting)

59. $ZA_5, Y_4B, XC_6, W_3D, ?$

- (1) VE_7 (2) E_7V
(3) V_2E (4) VE_5

(SSC Graduate Level Tier-I
Exam. 19.05.2013, 1st Sitting)

60. C - 3, E - 5, G - 7, I - 9, 2, 2

- (1) M - 18, K - 14
(2) X - 24, M - 21
(3) K - 11, M - 13
(4) O - 15, X - 24

(SSC Graduate Level Tier-I
Exam. 19.05.2013, 1st Sitting)

61. How many '8' are followed by even number and preceded by an odd number?

1 8 4 3 8 1 4 8 3 2 8 7 8 4 8 5 6
8 7 8 4 1 8 6

- (1) 3 (2) 4
(3) 9 (4) 5

(SSC Multi-Tasking Staff Exam.
10.03.2013, 1st Sitting : Patna)

62. In the following letter series how many Ms are following by N, but not preceded by N?

N M W V M N M V W N M N M M
N W V M N

- (1) 1 (2) 2
(3) 3 (4) 4

(SSC CAPFs SI, CISF ASI & Delhi
Police SI Exam. 22.06.2014)

63. How many A's are there in the following letter series which are immediately followed by B as well as immediately preceded by Z?

A M B Z A N A A B Z A B A Z B A
P Z A B A Z A B

- (1) 0 (2) 1
(3) 2 (4) 3

(SSC CAPFs SI, CISF ASI & Delhi
Police SI Exam. 22.06.2014)

64. In the following series, how many HIG occur in such a way that 'T' is in the middle and 'H' and 'G' are adjacent to it on both sides?

GGHIIHGGJJKLMGIHIG

- (1) 3 (2) 2
(3) 5 (4) 4

(SSC GL Tier-I Exam. 26.10.2014)

65. How many 8's followed by an even number and preceded by an odd number ?

7, 8, 5, 6, 7, 8, 4, 3, 2, 1, 3, 8,
6, 4, 3, 7, 8, 4, 2, 1, 3, 8, 2, 8, 9

- (1) 4 (2) 3
(3) 2 (4) 5

(SSC CHSL (10+2) DEO & LDC
Exam. 02.11.2014, Patna Region :
1st Sitting)

66. Select from the alternatives an appropriate term that is identical to the term given in the question.

A C E G

- (1) IJLM (2) OQSU
(3) BDEF (4) GHJN

(SSC CGL Tier-I Exam, 16.08.2015
(IInd Sitting) TF No. 2176783)

Directions : In each of the following questions, a series is given with one (or more) term missing. Choose the correct alternative from the given ones that will complete the series.

(SSC (10+2) Stenographer Grade
'C' & 'D' Exam. 31.01.2016
TF No. 3513283)

67. C4X, F9U, I16R, 2

- (1) L25P (2) L25U
(3) L27P (4) K25P

68. In the following question, a series is given with one or more number(s) / alphabet missing. Choose the correct alternative from the given options.

J2Z, K4X, L7V, M11T, ?

- (1) O17R (2) N17S
(3) R16N (4) N16R

(SSC CPO SI, ASI Online
Exam.05.06.2016) (IInd Sitting)

69. In the following question, a series is given with one or more term missing. Choose the correct alternative from the given options.
az225, cx423, ev621, ?, ?
?

- (1) jq1116, kp1215
(2) go1314, mn126
(3) gt819, ir1017
(4) gu720, gt819

(SSC CPO Exam. 06.06.2016)
(1st Sitting)

70. In the following sequence of letters, how many times is the letter 'p' immediately preceded by the letter 't' ?

s p r u a t p p g h j t k p s t p d g
c l p t t t p p p t p t p t s m v
b t p g c x d p t p k l s t p t

- (1) 6 (2) 8
(3) 7 (4) 9

(SSC CPO Exam. 06.06.2016)
(1st Sitting)

71. In the following question, a series is given with one or more term missing. Choose the correct alternative from the given options.
Cube > Square > ?

- (1) Line (2) Triangle
(3) Rectangle (4) Circle

(SSC CAPFs (CPO) SI & ASI,
Delhi Police Exam. 05.06.2016)
(1st Sitting)

72. In the following question, a series is given with one or more word missing. Choose the correct alternative from the given options.
Leaves, Twig, Branches, Trunk, ?

| SERIES |

- (1) Soil (2) Roots
(3) Fruits (4) Grass

(SSC CAPFs (CPO) SI & ASI,
Delhi Police Exam. 05.06.2016)
(1st Sitting)

73. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

Dadabhai Naoroji, Bal Gangadhar Tilak, Lala Lajpat Rai ?

- (1) Mahatma Gandhi
(2) Jawaharlal Nehru
(3) Subhash Chandra Bose
(4) Bhagat Singh

(SSC CHSL (10+2) Tier-I (CBE)
Exam. 15.01.2017) (IInd Sitting)

74. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

?, Hexane, Heptane, Octane

- (1) Pentane (2) Benzene
(3) Nonane (4) Methane

(SSC CHSL (10+2) Tier-I (CBE)
Exam. 16.01.2017) (IInd Sitting)

ANSWERS

TYPE-I

1. (4)	2. (2)	3. (3)	4. (4)
5. (2)	6. (3)	7. (4)	8. (3)
9. (4)	10. (1)	11. (2)	12. (3)
13. (2)	14. (2)	15. (2)	16. (2)
17. (3)	18. (3)	19. (2)	20. (3)
21. (3)	22. (3)	23. (3)	24. (1)
25. (3)	26. (1)	27. (2)	28. (3)
29. (3)	30. (3)	31. (2)	32. (4)
33. (4)	34. (3)	35. (1)	36. (3)
37. (3)	38. (1)	39. (4)	40. (2)
41. (3)	42. (1)	43. (3)	44. (2)
45. (1)	46. (3)	47. (1)	48. (1)
49. (1)	50. (4)	51. (2)	52. (4)
53. (2)	54. (3)	55. (1)	56. (4)
57. (1)	58. (4)	59. (3)	60. (2)
61. (2)	62. (4)	63. (2)	64. (4)
65. (3)	66. (2)	67. (4)	68. (3)
69. (3)	70. (3)	71. (4)	72. (2)
73. (4)	74. (2)	75. (3)	76. (4)
77. (4)	78. (4)	79. (2)	80. (2)
81. (3)	82. (3)	83. (4)	84. (4)
85. (3)	86. (2)	87. (3)	88. (3)

89. (3)	90. (3)	91. (3)	92. (3)
93. (3)	94. (2)	95. (1)	96. (2)
97. (2)	98. (2)	99. (3)	100. (2)
101. (4)	102. (2)	103. (2)	104. (2)
105. (4)	106. (4)	107. (2)	108. (2)
109. (1)	110. (2)	111. (2)	112. (2)
113. (3)	114. (2)	115. (3)	116. (3)
117. (3)	118. (3)	119. (1)	120. (4)
121. (1)	122. (4)	123. (3)	124. (4)
125. (4)	126. (3)	127. (3)	128. (4)
129. (2)	130. (4)	131. (2)	132. (1)
133. (3)	134. (3)	135. (1)	136. (3)
137. (2)	138. (4)	139. (2)	140. (2)
141. (3)	142. (3)	143. (1)	144. (4)
145. (1)	146. (4)	147. (3)	148. (1)
149. (2)	150. (2)	151. (1)	152. (1)
153. (2)	154. (1)	155. (4)	156. (1)
157. (4)	158. (3)	159. (3)	160. (2)
161. (4)	162. (2)	163. (2)	164. (1)
165. (1)	166. (2)	167. (2)	168. (3)
169. (1)	170. (3)	171. (2)	172. (2)
173. (4)	174. (2)	175. (4)	176. (3)
177. (2)	178. (3)	179. (2)	180. (4)
181. (4)	182. (2)	183. (2)	184. (2)
185. (2)	186. (2)	187. (2)	188. (2)
189. (3)	190. (4)	191. (3)	192. (2)
193. (1)	194. (1)	195. (4)	196. (1)
197. (2)	198. (3)	199. (1)	200. (2)
201. (4)	202. (2)	203. (1)	204. (1)
205. (2)	206. (2)	207. (2)	208. (4)
209. (1)	210. (2)	211. (3)	212. (3)
213. (4)	214. (4)	215. (3)	216. (3)
217. (4)	218. (1)	219. (4)	220. (1)
221. (1)	222. (3)	223. (1)	224. (4)
225. (2)	226. (1)	227. (4)	228. (1)
229. (2)	230. (4)	231. (4)	232. (1)
233. (3)	234. (4)	235. (1)	236. (1)
237. (1)	238. (1)	239. (2)	240. (3)
241. (1)	242. (4)	243. (2)	244. (2)
245. (4)	246. (2)	247. (4)	248. (2)
249. (4)	250. (4)	251. (1)	252. (2)
253. (3)	254. (1)	255. (4)	256. (4)
257. (4)	258. (1)	259. (2)	260. (3)
261. (2)	262. (1)	263. (2)	264. (4)
265. (3)	266. (2)	267. (3)	268. (2)
269. (3)	270. (2)	271. (3)	272. (2)
273. (3)	274. (2)	275. (3)	276. (4)

277. (4)	278. (4)	279. (1)	280. (1)
281. (2)	282. (3)	283. (3)	284. (4)
285. (2)	286. (1)	287. (4)	288. (3)
289. (3)	290. (4)	291. (2)	292. (4)
293. (3)	294. (3)	295. (1)	296. (2)
297. (3)	298. (1)	299. (2)	300. (2)
301. (4)	302. (3)	303. (3)	304. (1)
305. (1)	306. (2)	307. (4)	308. (4)
309. (1)	310. (4)	311. (1)	312. (3)
313. (2)	314. (3)	315. (1)	316. (1)
317. (2)	318. (1)	319. (4)	320. (4)
321. (3)	322. (4)	323. (4)	324. (3)
325. (1)	326. (1)	327. (2)	328. (1)
329. (4)	330. (4)	331. (4)	332. (4)
333. (1)	334. (1)	335. (1)	336. (3)
337. (*)	338. (4)	339. (3)	340. (2)
341. (3)	342. (3)	343. (3)	344. (2)
345. (1)	346. (2)	347. (4)	348. (3)
349. (3)	350. (2)	351. (1)	352. (3)
353. (3)	354. (4)	355. (3)	356. (1)
357. (4)	358. (3)	359. (2)	360. (2)
361. (3)	362. (3)	363. (1)	364. (3)
365. (1)	366. (1)	367. (3)	368. (4)
369. (4)	370. (2)	371. (3)	372. (3)
373. (4)	374. (1)	375. (2)	376. (4)
377. (1)	378. (2)	379. (4)	380. (3)
381. (3)	382. (3)	383. (2)	384. (1)
385. (4)	386. (4)	387. (3)	388. (3)
389. (2)	390. (2)	391. (1)	392. (2)
393. (1)	394. (2)	395. (2)	396. (1)
397. (3)	398. (2)	399. (3)	400. (4)
401. (1)	402. (2)	403. (3)	

TYPE-II

1. (3)	2. (1)	3. (4)	4. (3)
5. (1)	6. (2)	7. (4)	8. (1)
9. (3)	10. (2)	11. (3)	12. (3)
13. (2)	14. (1)	15. (4)	16. (4)
17. (3)	18. (2)	19. (1)	20. (4)
21. (3)	22. (4)	23. (1)	24. (3)
25. (1)	26. (2)	27. (2)	28. (1)
29. (2)	30. (4)	31. (4)	32. (1)
33. (4)	34. (3)	35. (1)	36. (1)
37. (4)	38. (1)	39. (2)	40. (3)



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| SERIES |

41. (3)	42. (3)	43. (2)	44. (2)
45. (1)	46. (4)	47. (1)	48. (2)
49. (3)	50. (3)	51. (1)	52. (3)
53. (3)	54. (3)	55. (2)	56. (4)
57. (3)	58. (3)	59. (2)	60. (3)
61. (2)	62. (3)	63. (4)	64. (3)
65. (2)	66. (3)	67. (2)	68. (1)
69. (4)	70. (4)	71. (3)	72. (3)
73. (2)	74. (3)	75. (3)	76. (3)
77. (1)	78. (1)	79. (3)	80. (1)
81. (4)	82. (3)	83. (1)	84. (3)
85. (2)	86. (3)	87. (3)	88. (1)
89. (4)	90. (1)	91. (1)	92. (4)
93. (3)	94. (3)	95. (3)	96. (4)
97. (2)	98. (2)	99. (3)	100. (1)
101. (1)	102. (1)	103. (4)	104. (3)
105. (1)	106. (3)	107. (4)	108. (2)
109. (2)	110. (2)	111. (2)	112. (4)
113. (1)	114. (2)	115. (1)	116. (3)
117. (1)	118. (1)	119. (1)	120. (4)
121. (3)	122. (1)	123. (2)	124. (1)
125. (1)	126. (2)	127. (2)	128. (3)
129. (4)	130. (2)	131. (4)	132. (2)
133. (3)	134. (4)	135. (4)	136. (4)
137. (1)	138. (4)	139. (2)	140. (2)
141. (2)	142. (2)	143. (3)	144. (4)
145. (3)	146. (2)	147. (4)	148. (2)
149. (4)	150. (1)	151. (3)	152. (1)
153. (2)	154. (3)	155. (1)	156. (2)
157. (4)	158. (1)	159. (4)	160. (4)
161. (1)	162. (4)	163. (1)	164. (3)
165. (3)	166. (3)	167. (3)	168. (1)
169. (2)	170. (2)	171. (1)	172. (3)
173. (4)	174. (3)	175. (4)	176. (2)
177. (2)	178. (4)	179. (2)	180. (4)
181. (3)	182. (3)	183. (4)	184. (1)
185. (3)	186. (1)	187. (3)	188. (3)
189. (2)	190. (3)	191. (4)	192. (3)
193. (2)	194. (4)	195. (2)	196. (3)
197. (2)	198. (1)	199. (3)	200. (2)
201. (1)	202. (3)	203. (1)	204. (2)
205. (2)	206. (1)	207. (3)	208. (1)
209. (4)	210. (4)	211. (4)	212. (4)
213. (1)	214. (3)	215. (3)	216. (3)
217. (4)	218. (4)	219. (1)	220. (1)
221. (2)	222. (4)	223. (3)	224. (2)
225. (2)	226. (4)	227. (2)	228. (1)
229. (3)	230. (1)	231. (3)	232. (2)
233. (1)	234. (3)	235. (4)	236. (2)
237. (1)	238. (3)	239. (2)	240. (1)

241. (4)	242. (1)	243. (3)	244. (4)
245. (1)	246. (3)	247. (4)	248. (2)
249. (2)	250. (3)	251. (3)	252. (3)
253. (1)	254. (2)	255. (3)	256. (4)
257. (1)	258. (4)	259. (3)	260. (1)
261. (2)	262. (1)	263. (3)	264. (2)
265. (2)			

TYPE-III

1. (1)	2. (2)	3. (1)	4. (2)
5. (1)	6. (1)	7. (1)	8. (4)
9. (1)	10. (3)	11. (2)	12. (3)
13. (2)	14. (3)	15. (1)	16. (4)
17. (3)	18. (4)	19. (1)	20. (3)
21. (4)	22. (1)	23. (1)	24. (2)
25. (1)	26. (1)	27. (3)	28. (2)
29. (2)	30. (1)	31. (4)	32. (4)
33. (2)	34. (2)	35. (4)	36. (3)
37. (2)	38. (1)	39. (2)	40. (3)
41. (2)	42. (3)	43. (3)	44. (3)
45. (4)	46. (1)	47. (2)	48. (1)
49. (4)	50. (3)	51. (1)	52. (1)
53. (1)	54. (3)	55. (3)	56. (3)
57. (2)	58. (3)	59. (3)	60. (3)
61. (3)	62. (3)	63. (1)	64. (1)
65. (4)	66. (1)	67. (2)	68. (3)
69. (1)	70. (3)	71. (2)	72. (4)
73. (3)	74. (4)	75. (3)	76. (2)
77. (4)	78. (2)	79. (4)	80. (3)
81. (1)	82. (2)	83. (1)	84. (3)
85. (1)	86. (2)	87. (1)	88. (*)
89. (1)	90. (1)	91. (2)	92. (2)
93. (4)	94. (3)	95. (3)	96. (2)
97. (2)	98. (4)	99. (2)	100. (3)
101. (2)	102. (3)	103. (2)	104. (3)
105. (3)	106. (2)	107. (2)	108. (4)
109. (3)	110. (1)	111. (2)	112. (2)
113. (2)	114. (2)	115. (3)	116. (3)
117. (3)	118. (1)	119. (4)	120. (3)
121. (4)	122. (3)	123. (1)	124. (1)
125. (1)	126. (2)	127. (4)	128. (2)
129. (3)	130. (2)	131. (2)	132. (1)
133. (1)	134. (3)	135. (1)	136. (4)
137. (4)	138. (1)	139. (1)	140. (1)
141. (2)	142. (2)	143. (3)	144. (3)
145. (3)			

TYPE-IV

1. (2)	2. (1)	3. (1)	4. (2)
5. (3)	6. (3)	7. (2)	8. (3)
9. (3)	10. (3)	11. (3)	12. (1)
13. (1)	14. (3)		

TYPE-V

1. (4)	2. (1)	3. (1)	4. (2)
5. (3)	6. (2)	7. (4)	8. (1)
9. (2)	10. (3)	11. (4)	12. (2)
13. (2)	14. (3)	15. (4)	16. (3)
17. (3)	18. (2)	19. (1)	20. (2)
21. (4)	22. (4)	23. (2)	24. (1)
25. (2)	26. (3)	27. (3)	28. (1)
29. (2)	30. (2)	31. (3)	32. (1)
33. (2)	34. (1)	35. (2)	36. (2)
37. (3)	38. (3)	39. (4)	40. (2)
41. (3)	42. (2)		

TYPE-VI

1. (2)	2. (3)	3. (4)	4. (3)
5. (2)	6. (1)	7. (1)	8. (4)
9. (2)	10. (4)	11. (3)	12. (2)
13. (4)	14. (1)	15. (3)	16. (1)
17. (2)	18. (2)	19. (4)	20. (2)
21. (3)	22. (1)	23. (4)	24. (1)
25. (3)	26. (3)	27. (2)	28. (2)
29. (3)	30. (1)	31. (2)	32. (4)
33. (2)	34. (3)	35. (3)	36. (2)
37. (2)	38. (3)	39. (2)	40. (1)
41. (4)	42. (2)	43. (2)	44. (2)
45. (4)	46. (2)	47. (1)	48. (4)
49. (1)	50. (3)	51. (3)	52. (4)
53. (1)	54. (2)	55. (2)	56. (2)
57. (1)	58. (3)	59. (1)	60. (3)
61. (2)	62. (3)	63. (4)	64. (2)
65. (1)	66. (2)	67. (*)	68. (4)
69. (3)	70. (4)	71. (1)	72. (2)
73. (1)	74. (1)		

SERIES

EXPLANATIONS

TYPE-I

1. (4) The given number series is based on the following pattern:

$$10 + 90 = 100$$

$$100 + (90 + 10) = 200$$

$$200 + (90 + 20) = 310$$

$$310 + (90 + 30) = \boxed{430}$$

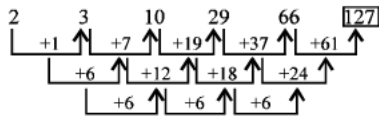
2. (2) $4/12/95$ to $1/1/96 = 28$ days
 $1/1/96$ to $29/1/96 = 28$ days

$$29/1/96 \text{ to } 26/2/96 = 28 \text{ days}$$

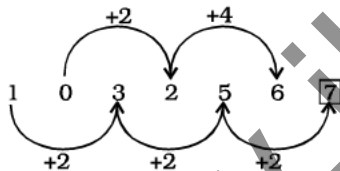
$$26/2/96 \text{ to } 25/3/96 = 28 \text{ days}$$

Remember : 1996 was a leap year and hence the month of February contained 29 days.

3. (3)



4. (4)



5. (2) The given number series is based on the following pattern :

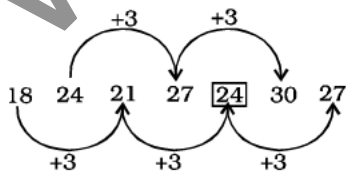
$$1438 - (3 \times 3) = 1429$$

$$1429 - (3 \times 4) = 1417$$

$$1417 - (3 \times 5) = 1402$$

$$1402 - (3 \times 6) = \boxed{1384}$$

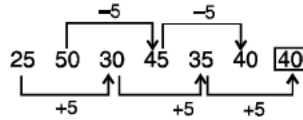
6. (3)



7. (4) Add 2, 3, 4, 5 ... respectively to numerators and add 4, 6, 8, 10.... respectively to the denominators. Thus,

$$\frac{2+2}{3+4} \Rightarrow \frac{4+3}{7+6} = \frac{7}{13}$$

8. (3) The given number series is based on the following pattern :



9. (4) The given number is based on the following pattern :

$$24 + 11 = 35 \text{ \& } 60 + 10 = 70$$

$$35 + 11 = 46 \text{ \& } 70 + 10 = 80$$

$$46 + 11 = \boxed{57} \text{ \& } 80 + 10 = 90$$

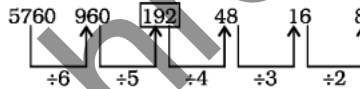
$$= \boxed{90}$$

Therefore, the number 5790 would come in the place of question mark.

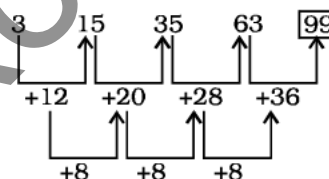
10. (1) $77 + 2 = 79$ & $14 + 2 = 16$

Similarly,
 $81 + 2 = 83$ & $09 + 2 = 11$
 $\therefore ? = 8311$

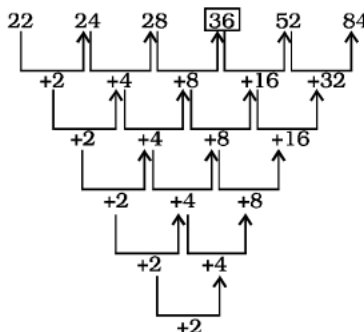
11. (2)



12. (3)



13. (2)



14. (2) The given number series is based on the following pattern :

$$3 \times 2 + 1 = 7$$

$$7 \times 3 + 2 = 23$$

$$23 \times 4 + 3 = 95$$

$$95 \times 5 + 4 = \boxed{479}$$

15. (2) The given number series is based on the following pattern :

$$2 \times 2 + 1 = 5$$

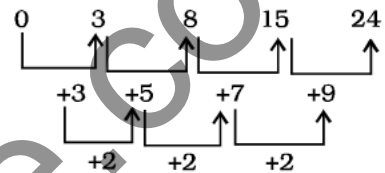
$$5 \times 2 - 1 = 9$$

$$9 \times 2 + 1 = 19$$

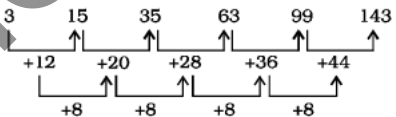
$$19 \times 2 - 1 = 37$$

$$37 \times 2 + 1 = \boxed{75}$$

16. (2)



17. (3)



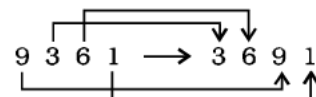
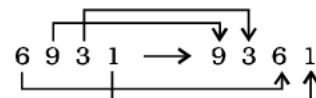
18. (3) $(3)^3 + 1 = 28$

$$(4)^3 + 1 = 65$$

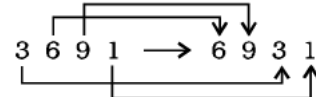
$$(5)^3 + 1 = 126$$

$$(6)^3 + 1 = \boxed{217}$$

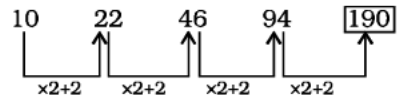
19. (2) $3 \ 6 \ 9 \ 1 \rightarrow 6 \ 9 \ 3 \ 1$



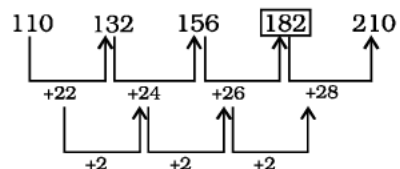
Therefore,



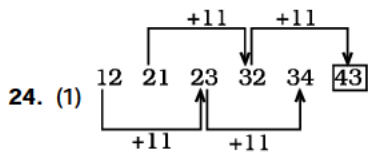
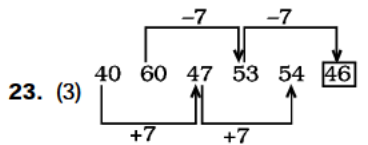
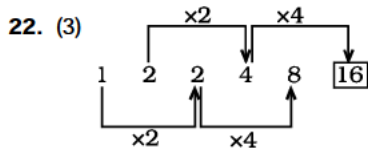
20. (3)



21. (3)



| SERIES |



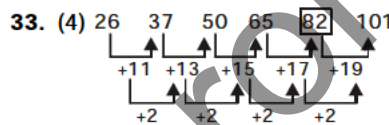
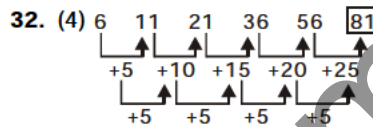
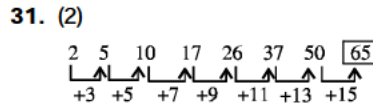
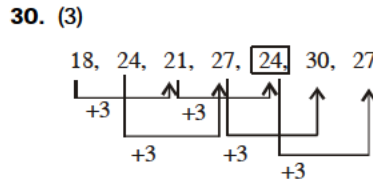
25. (3) The given number series is based on the following pattern :
 $3 + 7 = 10$; $10 + 10 = 20$
 $20 + 13 = 33$; $33 + 16 = 49$
 $49 + 19 = 68$; $68 + 22 = \boxed{90}$

26. (1) The given number series is based on the following pattern :
 $15 \times 2 + 1 = 31$
 $31 \times 2 + 2 = 64$
 $64 \times 2 + 3 = 131$
 $131 \times 2 + 4 = \boxed{266}$

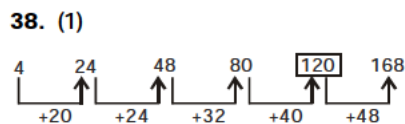
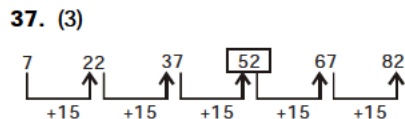
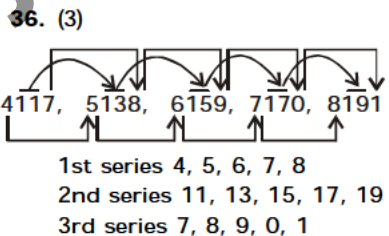
27. (2) The given number series is based on the following pattern :
 $\frac{100}{2} + 2 = 50 + 2 = 52$
 $\frac{52}{2} + 2 = 26 + 2 = 28$
 $\frac{28}{2} + 2 = 14 + 2 = 16$
 $\frac{16}{2} + 2 = 8 + 2 = 10$
 $\frac{10}{2} + 2 = 5 + 2 = \boxed{7}$

28. (3) The given number series is based on the following pattern :
 $48 \div 2 = 24$
 $24 \times 4 = 96$
 $96 \div 2 = 48$
 $48 \times 4 = 192$
 $192 \div 2 = 96$

29. (3) The given number series is based on the following pattern :
 $3 \times 3 + 1 = 10$
 $10 \times 10 + 1 = 101$
 $101 \times 101 + 1 = 10202$



34. (3) $5 + 4 = 9$; $9 + 4 = 13$;
 $13 + 4 = 17$, $17 + 4 = \boxed{21}$,
 $21 + 4 = 25$
 35. (1) $5 + 2 = 7$
 $2 + 7 = 9$
 $7 + 9 = 16$
 $9 + 16 = 25$
 $16 + 25 = \boxed{41}$



39. (4) The sum of the first and third digits is equal to the middle digit.
 $2 + 4 = 6$, $3 + 6 = 9$, $4 + 3 = 7$, $5 + 3 = 8$
 Similarly,
 $7 + 2 = 9$

40. (2) Here the respective difference between the terms is as follows -
 2, 4, 6, 8,
 Therefore, $12 + 8 = 20$
 which is the required term.

41. (3) Here the respective difference between the term is as follows 2, 4, 8, 16, 32, 64,
 Therefore, the required term will be $67 + 64 = 131$

42. (1) Here on adding 1 to the double of the first term, we get the next term.
 As required— $3 \times 2 + 1 = 7$

$7 \times 2 + 1 = 15$

$15 \times 2 + 1 = 31$

$31 \times 2 + 1 = 63$

$63 \times 2 + 1 = 127$

$127 \times 2 + 1 = 255$

43. (3) Here, the respective difference between terms is as follows : 5, 10, 20, 25

As, $7 + 5 = 12$

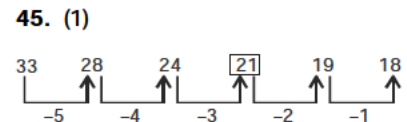
$12 + 10 = 22$

$22 + 15 = 37$

∴ The next term will be

$= 37 + 20 = 57$

44. (2) Here the series is as follows :
 $1^2 - 2 = -1$, $4^2 - 2 = 14$
 $2^2 - 2 = 2$, $5^2 - 2 = 23$
 $3^2 - 2 = 7$, $6^2 - 2 = 34$



46. (3) $6 + 4 = 10$,
 $10 + (4 \times 2) = 18$,
 $18 + (8 \times 2) = 34$

$34 + (16 \times 2) = \boxed{66}$

47. (1) $4 \times 2 = 8$;

$8 \times \frac{3}{2} = 12$

$12 \times 2 = 24$;

$24 \times \frac{3}{2} = 36$

$36 \times 2 = \boxed{72}$

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48. (1) $8 \times 2 + 1 = 17$
 $17 \times 2 + 2 = 36$
 $36 \times 2 + 3 = 75$

$75 \times 2 + 4 = \boxed{154}$

49. (1) $1 + 3 = 4, 3 + 4 = 7;$
 $4 + 7 = 11;$

$7 + 11 = \boxed{18}$

50. (4) $118 + 64 = 182$ and
 $182 + 4 = 186$
 $186 + 36 = 222$ and

$222 + 4 = \boxed{226}$

51. (2) $2 + 5 = 7$
 $7 + (5 \times 4) = 27$
 $27 + (20 \times 4) = 107$

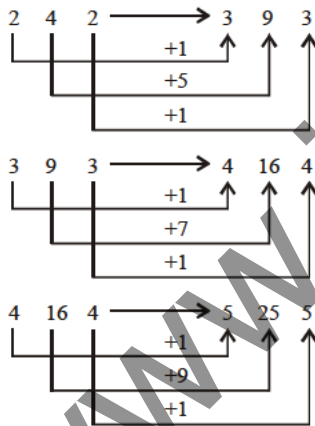
$107 + (80 \times 4) = \boxed{427}$

52. (4) $5 + 2 = 7$
 $7 + 4 = 11$

$11 + 8 = \boxed{19}$

$19 + 16 = 35$
 $35 + 32 = 67$

53. (2)



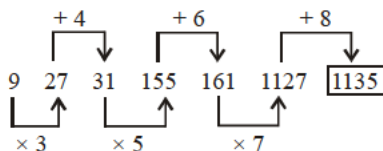
54. (3) There are two alternating series. The first series consists of squares of consecutive numbers while the second series consists of consecutive numbers.

$(1)^2 = 1, (2)^2 = 4, (3)^2 = 9,$

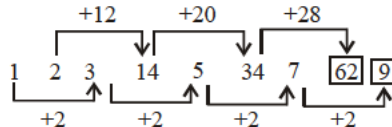
$(4)^2 = 16, (5)^2 = \boxed{25}$

$2 \rightarrow 3 \rightarrow 4 \rightarrow 5 \rightarrow \boxed{6}$

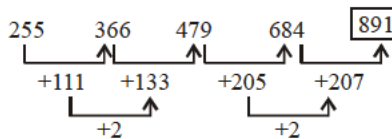
55. (1)



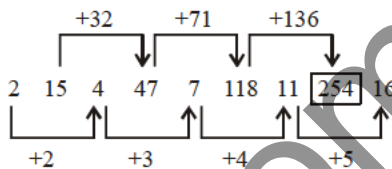
56. (4)



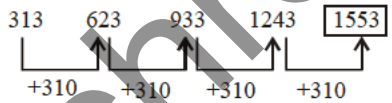
57. (1)



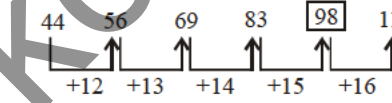
58. (4)



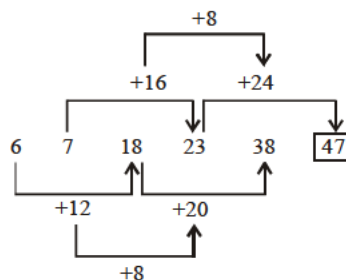
59. (3)



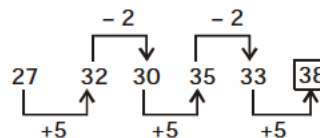
60. (2)



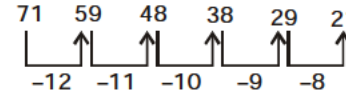
61. 2)



62. (4)



63. (2)



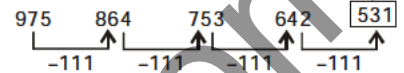
64. (4) $3 + 1 = 4;$

$3 + 4 = 7;$

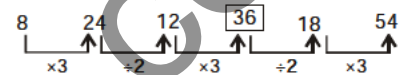
$4 + 7 = 11; \quad 7 + 11 = 18$

$11 + 18 = 29; \quad 18 + 29 = \boxed{47}$

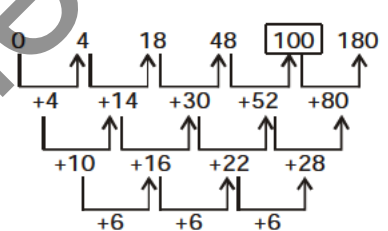
65. (3)



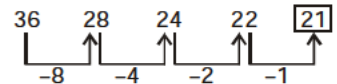
66. (2)



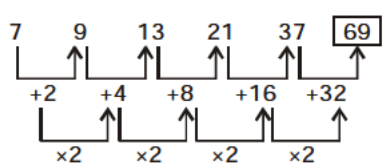
67. (4)



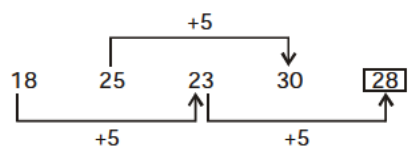
68. (3)



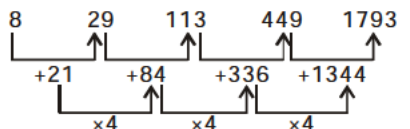
69. (3)



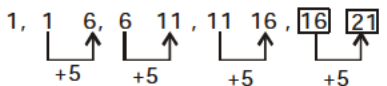
70. (3)



71. (4)

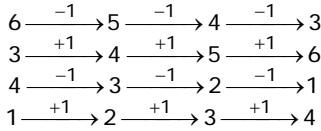


72. (2)

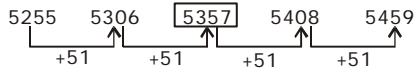


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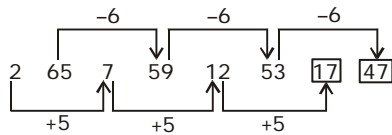
73. (4)



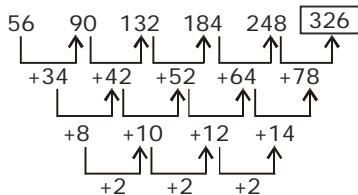
74. (2)



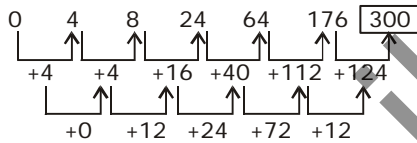
75. (3)



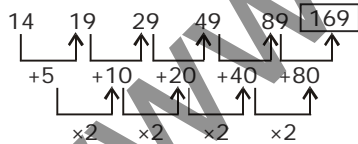
76. (4)



77. (4)

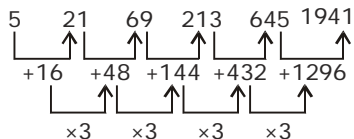


78. (4)



79. (2) $(11)^2 = 121$; $(12)^2 = 144$; $(17)^2 = 289$; $(18)^2 = 324$; $(23)^2 = 529$;
 $(24)^2 = 576$; $(29)^2 = 841$

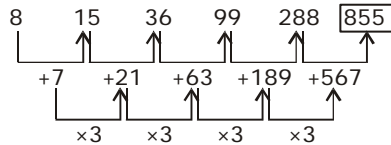
80. (2)



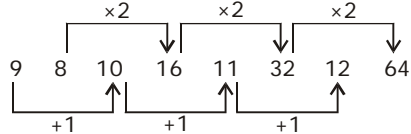
81. (3)

$4 = (2)^2$; $16 = (4)^2$; $36 = (6)^2$;
 $64 = (8)^2$; $196 = (14)^2$; $169 = (13)^2$; $144 = (12)^2$

82. (3)



83. (4)



84. (4) $34 - 16 = 18$

$18 - 8 = 10$

$10 - 4 = 6$

85. (3) $100 \div 2 = 5$

$50 + 2 = 52$

$52 \div 2 = 26$

$26 + 2 = 28$

$28 \div 2 = 14$

$14 + 2 = 16$

$16 \div 2 = 8$

86. (2) The given number series is based on the following pattern :

$44 - 4 = 40$

$40 - 6 = 34$

$34 - 8 = 26$

$26 - 10 = 16$

$16 - 12 = 4$

87. (3) The given number series is based on the following pattern :

$110 - 11 = 99$

$99 - 13 = 86$

$86 - 15 = 71$

$71 - 17 = 54$

$54 - 19 = 35$

88. (3) The given number series is based on the following pattern :

$2 + 1 = 3$ and $3 + 2 = 5$

$5 + 1 = 6$ and $6 + 2 = 8$

$8 + 1 = 9$ and $9 + 2 = 11$

$11 + 1 = 12$

89. (3) The given number series is based on the following pattern :

$98 - (13 \times 2) = 72$

$72 - (11 \times 2) = 50$

$50 - (9 \times 2) = 32$

$32 - (7 \times 2) = 18$

$18 - (5 \times 2) = 8$

90. (3) The given number series is based on the following pattern :

$4 \times 3 = 12$

$12 \times 3 = 36$

$36 \times 3 = 108$

$108 \times 3 = 324$

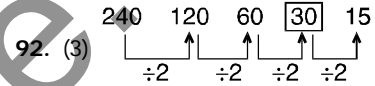
$324 \times 3 = 972$

91. (3) The given number series is based on the following pattern:

$19 + 4 = 23$ & $23 + 3 = 26$

$26 + 4 = 30$ & $30 + 3 = 33$

$33 + 4 = 37$



92. (3) The given number series is based on the following pattern:

$1 + 2 + 0 = 3$

$3 + 2 + 2 = 7$

$7 + 2 + 4 = 13$

$13 + 2 + 6 = 21$

$21 + 2 + 8 = 31$

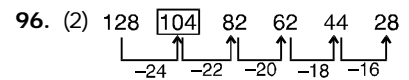
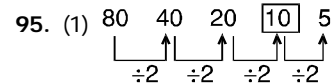
94. (2) The given number series is based on the following pattern :

$133 - 14 = 119$

$119 - 14 = 105$

$105 - 14 = 91$

$91 - 14 = 77$



97. (2) The given number series is based on the following pattern :

$4 + 6 = 10$

$10 + 8 = 18$

$18 + 10 = 28$

$28 + 12 = 40$

98. (2) The given number series is based on the following pattern:

$0 + 3 = 3$

$3 + 5 = 8$

$8 + 7 = 15$

$15 + 9 = 24$

$24 + 11 = 35$

$35 + 13 = 48$

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99. (3) The given number series is based on the following pattern:

$$\begin{array}{l|l} 19 + 4 = 23 & 23 + 3 = 26 \\ 26 + 4 = 30 & 30 + 3 = 33 \\ 33 + 4 = \boxed{37} & \end{array}$$

100. (2)

$$\begin{array}{cccccc} 196 & 16 & 144 & 36 & 100 & \boxed{64} \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ (14)^2 & (4)^2 & (12)^2 & (6)^2 & (10)^2 & (8)^2 \end{array}$$

101. (4)

$$\begin{array}{cccccc} 121 & \boxed{144} & 169 & 196 & 225 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ (11)^2 & (12)^2 & (13)^2 & (14)^2 & (15)^2 \end{array}$$

102. (2) The given series is based on the following pattern :

$$\begin{array}{l} 125 + 110 = 235 \\ 235 + 110 = 345 \\ 345 + 110 = 455 \\ 455 + 110 = \boxed{565} \end{array}$$

103. (2) The given number series is based on the following pattern :

$$\begin{array}{l} 15 + (1)^2 = 16 \\ 16 + (2)^2 = 20 \\ 20 + (3)^2 = 29 \\ 29 + (4)^2 = \boxed{45} \end{array}$$

104. (2) The given number series is based on the following pattern:

$$\begin{array}{l} 2 + 1 = 3 \\ 3 + (1 \times 3) = 3 + 3 = 6 \\ 6 + (3 \times 3) = 6 + 9 = 15 \\ 15 + (9 \times 3) = 15 + 27 = 42 \\ 42 + (27 \times 3) = 42 + 81 \\ = \boxed{123} \end{array}$$

105. (4) The given number series is based on the following pattern:

$$\begin{array}{l} 9 \times 2 - 1 = 18 - 1 = 17 \\ 17 \times 2 - 1 = 34 - 1 = 33 \\ 33 \times 2 - 1 = 66 - 1 = 65 \\ 65 \times 2 - 1 = 130 - 1 = \boxed{129} \end{array}$$

106. (4) The given number series is based on the following pattern:

$$\begin{array}{l} 6 + 11 \times 1 = 6 + 11 = 17 \\ 17 + 11 \times 2 = 17 + 22 = 39 \\ 39 + 11 \times 3 = 39 + 33 = 72 \\ 72 + 11 \times 4 = 72 + 44 \\ = \boxed{116} \end{array}$$

107. (2) The given number series is based on the following pattern:

$$\begin{array}{l} 138 + 23 = 161 \\ 161 + 24 = 185 \\ 185 + 25 = 210 \\ 210 + 26 = \boxed{236} \end{array}$$

108. (2) The given number series is based on the following pattern :

$$\begin{array}{l} 2 + 4 = 6 \\ 6 + 6 = 12 \\ 12 + 8 = 20 \\ 20 + 10 = 30 \\ 30 + 12 = 42 \end{array}$$

$$42 + 14 = \boxed{56}$$

109. (1) The given number series is based on the following pattern:

$$\begin{array}{l} 1 \times 3 = 3 \\ 3 \times 4 = 12 \\ 12 \times 5 = 60 \end{array}$$

$$60 \times 6 = \boxed{360}$$

110. (2) There are two alternating series :

$$\begin{array}{l} 3 \times 2 = 6 \quad 4 + 2 = 6 \\ 6 \times 2 = 12 \quad 6 + 2 = 8 \\ 12 \times 2 = 24 \quad 8 + 2 = \boxed{10} \end{array}$$

111. (2) The given number series is based on the following pattern:

$$\begin{array}{l} 24 + 48 = 72 \\ 72 + 48 = 120 \\ 120 + 48 = \boxed{168} \end{array}$$

$$\begin{array}{ccccccc} & & +3 & & +3 & & \\ & & \downarrow & & \downarrow & & \\ 22 & 28 & 25 & 31 & 28 & \boxed{34} \\ & & \uparrow & & \uparrow & & \\ & & +3 & & +3 & & \end{array}$$

112. (2)

113. (3) The given number series is based on the following pattern:

$$\begin{array}{l} 2 \times 2 = 4 \\ 4 \times 3 = 12 \\ 12 \times 4 = 48 \\ 48 \times 5 = \boxed{240} \end{array}$$

114. (2) The given number series is based on the following pattern:

$$\begin{array}{l} (1)^3 = 1 \times 1 \times 1 = 1 \\ (2)^3 = 2 \times 2 \times 2 = 8 \\ (3)^3 = 3 \times 3 \times 3 = 27 \\ (4)^3 = 4 \times 4 \times 4 = 64 \\ (5)^3 = 5 \times 5 \times 5 = \boxed{125} \end{array}$$

115. (3) The given number series is based on the following pattern:

$$\begin{array}{l} 109 - 35 = 74 \\ 74 - 28 = 46 \\ 46 - 21 = 25 \\ 25 - 14 = 11 \\ 11 - 7 = \boxed{4} \end{array}$$

116. (3) The given number series is based on the following pattern:

$$\begin{array}{l} 3 \times 3 = 9 \quad 4 \times 4 = 16 \\ 5 \times 5 = 25 \quad 7 \times 7 = \boxed{49} \end{array}$$

117. (3)

$$\begin{array}{ccccccc} 23 & 29 & 36 & 44 & \boxed{53} \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +6 & +7 & +8 & +9 & \end{array}$$

118. (3)

$$\begin{array}{ccccccc} 66 & 56 & 48 & \boxed{42} & 38 & 36 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ -10 & -8 & -6 & -4 & -2 & \end{array}$$

119. (1) The given number series is based on the following pattern :

$$\begin{array}{l} 6 \times 1 + 1 = 7 \\ 7 \times 2 + 1 = 15 \\ 15 \times 3 + 1 = 46 \\ 46 \times 4 + 1 = 185 \\ 185 \times 5 + 1 = \boxed{926} \end{array}$$

120. (4) The given number series is based on the following pattern :

$$\begin{array}{l} (1)^3 - 1 = 0 \\ (2)^3 - 1 = 7 \\ (3)^3 - 1 = 26 \\ (4)^3 - 1 = 63 \\ (5)^3 - 1 = 124 \\ (6)^3 - 1 = \boxed{215} \end{array}$$

121. (1) The given number series is based on the following pattern :

$$\begin{array}{l} (1)^3 - 1 = 0 \\ (2)^3 - 2 = 6 \\ (3)^3 - 3 = 24 \\ (4)^3 - 4 = \boxed{60} \\ (5)^3 - 5 = 120 \\ (6)^3 - 6 = 210 \end{array}$$

122. (4) From the third number onwards, each number is the sum of the previous two numbers.

$$\begin{array}{l} 2 + 6 = 8, 6 + 8 = 14, \\ 8 + 14 = 22, 14 + 22 = 36, \\ 22 + 36 = \boxed{58}, 36 + 58 = 94 \end{array}$$

123. (3) The given number series is based on the following pattern :

$$\begin{array}{l} (0.1)^2 = 0.01 \\ (0.2)^2 = 0.04 \\ (0.3)^2 = 0.09 \\ (0.4)^2 = \boxed{0.16} \end{array}$$

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124. (4) There are two alternating series :

$$3 + 3 = 6$$

$$6 + 3 = 9$$

$$9 + 3 = 12$$

$$5 + 6 = 11$$

$$11 + 6 = 17$$

$$17 + 6 = \boxed{23}$$

125. (4) The alternate numbers are squares of even numbers and each square number is followed by the number one less than itself.

$$16 \Rightarrow (4)^2 - 1 = 15$$

Therefore,

$$64 - 1 = \boxed{63}$$

126. (3) The given number series is based on the following pattern:

$$5. 7 + 2. 4 = \boxed{8.1}$$

$$8. 1 + 2. 4 = 10.5$$

$$10. 5 + 2. 4 = 12.9$$

$$12. 9 + 2. 4 = 15.3$$

$$15. 3 + 2. 4 = 17.7$$

127. (3) The given number series is based on the following pattern:

$$0 + \frac{3}{2} = \frac{3}{2}$$

$$\frac{3}{2} + \frac{3}{2} = 3$$

$$3 + \frac{3}{2} = \frac{9}{2}$$

$$\frac{9}{2} + \frac{3}{2} = \boxed{6}$$

$$6 + \frac{3}{2} = \frac{15}{2}$$

128. (4) The given number series is based on the following pattern:

$$(1)^2 = 1$$

$$(1 + 10) \Rightarrow (11)^2 = 121$$

$$(11 + 10) \Rightarrow (21)^2 = 441$$

$$(21 + 10) \Rightarrow (31)^2 = 961$$

$$(31 + 10) \Rightarrow (41)^2 = 1681$$

$$(41 + 10) \Rightarrow (51)^2 = \boxed{2601}$$

129. (2) The given number series is based on the following pattern :

$$7 + 19 = 26$$

$$26 + 19 + 18 = 63$$

$$63 + 37 + (18 + 6) = 124$$

$$124 + 61 + (24 + 6) = 215$$

$$215 + 91 + (30 + 6) = 342$$

$$342 + 127 + (36 + 6) = 511$$

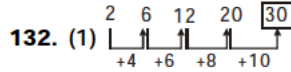
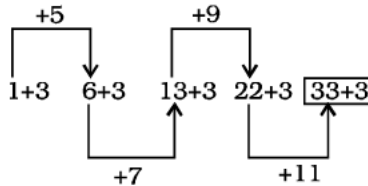
130. (4) The given number series is based on the following pattern :

$$2 \times 8 = 16$$

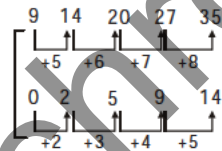
$$16 \times 8 = 128$$

$$128 \times 16 = \boxed{2048}$$

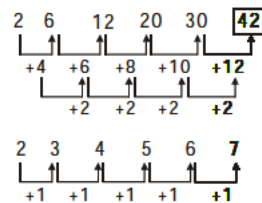
131. (2)



133. (3) $(9)^2 - 0 = 81$
 $(14)^2 - (2)^2 = 192$
 $(20)^2 - (5)^2 = 375$
 $(27)^2 - (9)^2 = \boxed{648}$
 $(35)^2 - (14)^2 = 1029$



134. (3) Each term consists of two numbers. Each number of one term is based on particular rule.



135. (1) The cubes of consecutive numbers are given.

$$(0)^3 = 0$$

$$(1)^3 = \boxed{1}$$

$$(2)^3 = 8$$

$$(3)^3 = 27$$

$$(4)^3 = 64$$

$$(5)^3 = 125$$

136. (3) The series consists of one less than cubes of consecutive numbers.

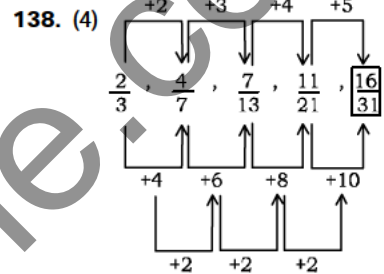
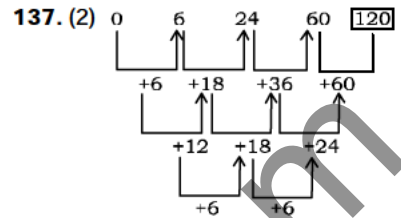
$$(1)^3 - 1 = 0$$

$$(2)^3 - 1 = 7$$

$$(3)^3 - 1 = 26$$

$$(4)^3 - 1 = 63$$

$$(5)^3 - 1 = \boxed{124}$$



139. (2) The given number series is based on the following pattern:

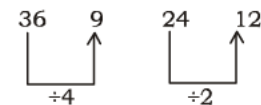
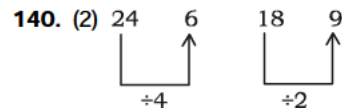
$$2.1 + 3.1 = 5.2$$

$$5.2 + 3.2 = 8.4$$

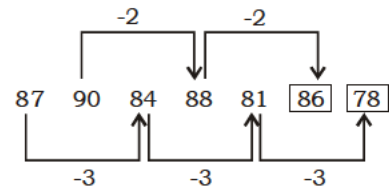
$$8.4 + 3.3 = 11.7$$

$$11.7 + 3.4 = 15.1$$

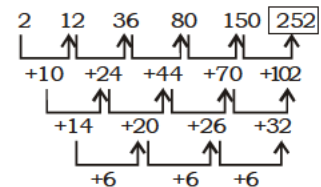
$$15.1 + 3.5 = \boxed{18.6}$$



141. (3)

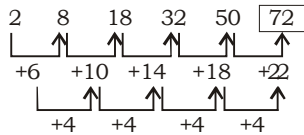


142. (3)

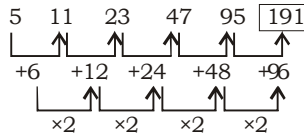


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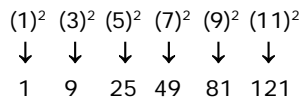
143. (1)



144. (4)



145. (1)



146. (4) The given number series is based on the following pattern:

$2 \times 4 = 8$
 $8 \times 5 = 40$
 $40 \times 6 = 240$
 $240 \times 7 = 1680$
 $1680 \times 8 = 13440$

147. (3) The given number series is based on the following pattern:

$2 + 2 = 4$, $4 + 2 = 6$ and $6 + 2 = 8$ and one zero is increasing after the decimal.

148. (1) The given number series is based on the following pattern:

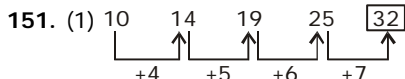
$2 + 3 = 5$
 $5 + 6 = 11$
 $11 + 6 = 17$
 $17 + 12 = 29$

149. (2)

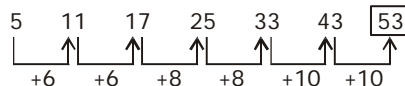


150. (2) $6 \times 4 + 5 = 29$

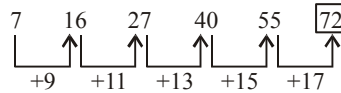
$29 \times 4 + 5 = 121$
 $121 \times 4 + 5 = 489$
 $489 \times 4 + 5 = 1961$



152. (1)



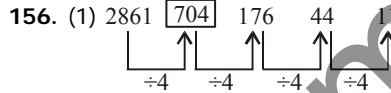
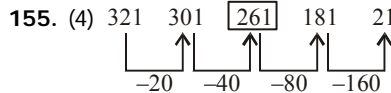
153. (2)



154. (1) $720 \div 1 = 720$

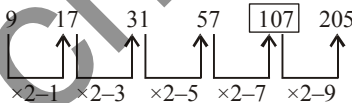
$720 \div 2 = 360$
 $360 \div 3 = 120$
 $120 \div 4 = 30$
 $30 \div 5 = 6$

$6 \div 6 = 1$



$1 + (2)^2 = 5$
 $5 + (4)^2 = 21$
 $21 + (6)^2 = 57$
 $57 + (8)^2 = 121$
 $121 + (10)^2 = 221$

158. (3)



159. (3) $6 \times 2 - 2 = 12 - 2 = 10$

$10 \times 2 - 2 = 20 - 2 = 18$
 $18 \times 2 - 2 = 36 - 2 = 34$

$34 \times 2 - 2 = 68 - 2 = 66$

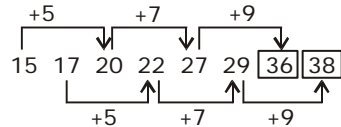
160. (2) $13 \times 3 + 1 = 39 + 1 = 40$

$40 \times 3 + 2 = 120 + 2 = 122$
 $122 \times 3 + 3 = 366 + 3 = 369$
 $369 \times 3 + 4 = 1107 + 4 = 1111$

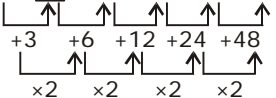
161. (4) $4 + 3 + 6 = 13$;

$3 + 8 + 2 = 13$;
 $3 + 3 + 7 = 13$;
 $2 + 3 + 8 = 13$;
 $1 + 4 + 8 = 13$

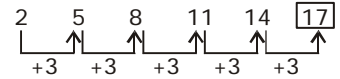
162. (2)



163. (2) $6 \times 9 = 54$



164. (1)



165. (1) $113 \times 2 - 1 = 225$

$225 \times 2 - 1 = 449$

$449 \times 2 - 1 = 897$

$897 \times 2 - 1 = 1793$

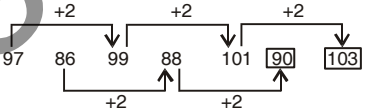
166. (2) $230 + (4)^2 = 246$

$246 + (5)^2 = 271$

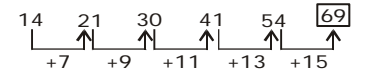
$271 + (6)^2 = 307$

$307 + (7)^2 = 356$

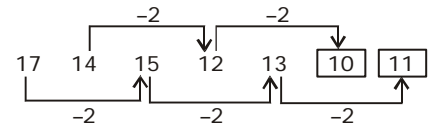
167. (2)



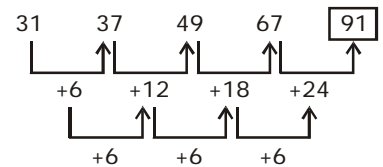
168. (3)



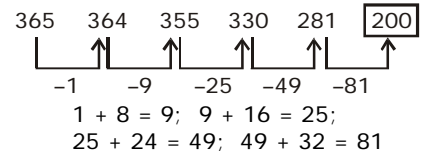
169. (1)



171. (2)

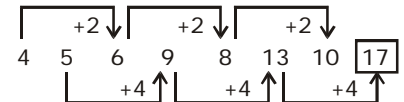


172. (2)

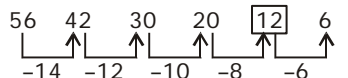


$1 + 8 = 9$; $9 + 16 = 25$;
 $25 + 24 = 49$; $49 + 32 = 81$

173. (4)

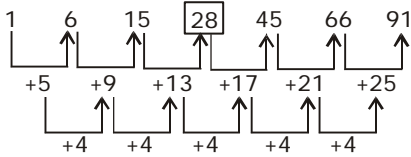


174. (2)

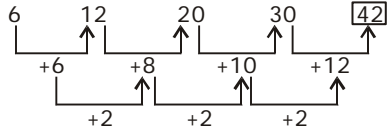


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175. (4)

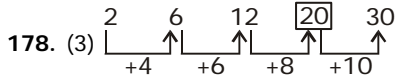


176. (3)



177. (2)

$$\frac{24}{4} = 6; \frac{18}{2} = 9; \frac{36}{4} = 9; \frac{24}{2} = 12$$



179. (2) $(3)^2 = 9$

$(4)^2 = 16$

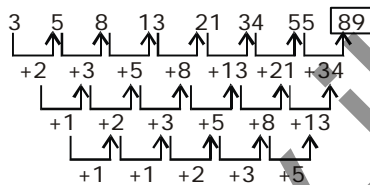
$(5)^2 = 25$

$(6)^2 = 36$

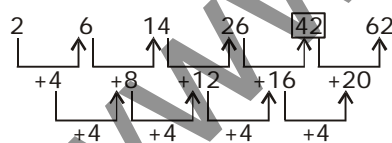
$(7)^2 = 49$

$(8)^2 = 64$

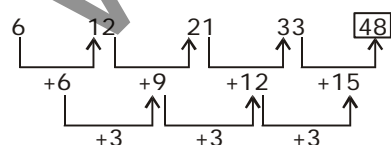
180. (4)



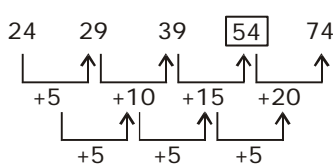
181. (4)



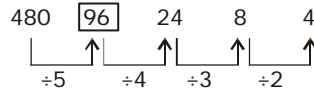
182. (2)



183. (2)



184. (2)



185. (2) $(1)^2 = 1;$

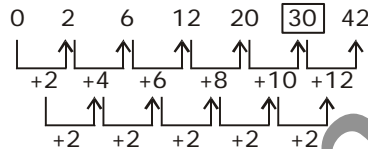
$1 + 6 = 7 \Rightarrow (7)^2 = 49;$

$7 + 4 = 11 \Rightarrow (11)^2 = 121;$

$11 + 2 = 13 \Rightarrow (13)^2 = 169$

$13 + 4 = 17 \Rightarrow (17)^2 = 289$

186. (2)



187. (2) $(1)^2 = 1$

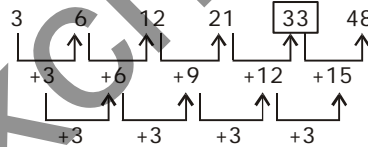
$(3)^2 = 9$

$(5)^2 = 25$

$(7)^2 = 49$

$(9)^2 = 81$

188. (2)



189. (3) $169 = 13 \times 13$

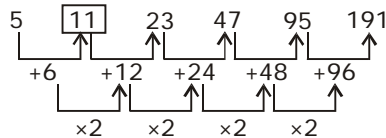
$144 = 12 \times 12$

$121 = 11 \times 11$

$100 = 10 \times 10$

$81 = 9 \times 9$

190. (4)

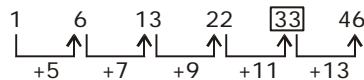


191. (3) $\sqrt{256} = 16$

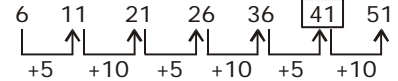
$\sqrt{16} = 4$

$\sqrt{4} = 2$

192. (2)



193. (1)



194. (1) $225 = 15 \times 15$

$289 = 17 \times 17$

$? = 19 \times 19 = 361$

$441 = 21 \times 21$

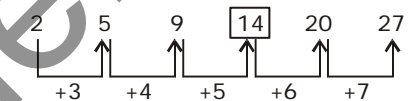
195. (4) $4 \times 2 + 2 = 8 + 2 = 10$

$10 \times 2 + 2 = 20 + 2 = 22$

$22 \times 2 + 2 = 44 + 2 = 46$

$46 \times 2 + 2 = 92 + 2 = 94$

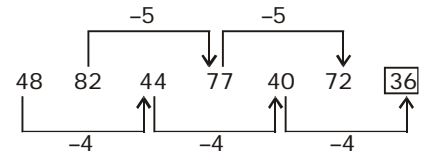
196. (1)



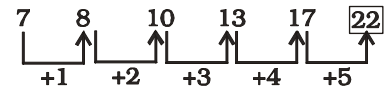
197. (2)

$V \xrightarrow{+3} VIII \xrightarrow{+3} XI \xrightarrow{+3} XIV \xrightarrow{+3} XVII \xrightarrow{+3} XX$

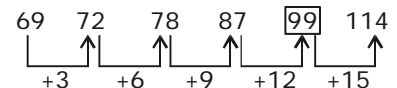
198. (3)



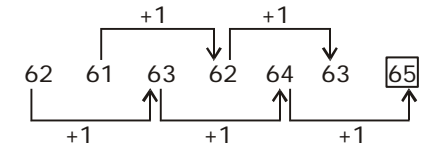
199. (1)



200. (2)



201. (4)



202. (2) $70 \rightarrow 70 \rightarrow 70$

$71 + 10 \rightarrow 81 + 10 \rightarrow 91$

$76 + 10 \rightarrow 86$

203. (1)



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204. (1) Consecutive perfect squares are given :

$(1)^2 = 1$

$(2)^2 = 4$

$(3)^2 = 9$

$(4)^2 = 16$

$(5)^2 = 25$

$(6)^2 = \boxed{36}$

$(7)^2 = 49$

205. (2) $\begin{array}{ccccccc} 1.5 & 2.3 & 3.1 & 3.9 & \boxed{4.7} \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +0.8 & +0.8 & +0.8 & +0.8 & \end{array}$

206. (2) $14 \times 2 = 28$

$28 - 8 = 20$

$20 \times 2 = 40$

$40 - 8 = 32$

$32 \times 2 = 64$

$64 - 8 = \boxed{56}$

207. (2)

$\begin{array}{ccccccc} 36 & 34 & 30 & 28 & 24 & \boxed{22} \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ -2 & -4 & -2 & -4 & -2 & \end{array}$

208. (4) $1000 \div 5 = 200$

$200 \div 5 = 40$

$40 \div 5 = 8$

209. (1) $4320 \div 6 = 720$

$720 \div 5 = \boxed{144}$

$144 \div 4 = 36$

$36 \div 3 = 12$

$12 \div 2 = 6$

210. (2)

$\begin{array}{ccccccc} 39 & 169 & 299 & \boxed{429} \\ \uparrow & \uparrow & \uparrow & \uparrow \\ +130 & +130 & +130 & \end{array}$

211. (3)

$\begin{array}{ccccccc} 113 & 128 & 161 & 185 & \boxed{227} \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +15 & +33 & +24 & +42 & \\ \uparrow & \uparrow & \uparrow & \uparrow \\ +18 & -9 & +18 & \end{array}$

212. (3) The next term of the series can be obtained by taking the sum of the previous two terms.

$2 + 5 = 7$

$5 + 7 = 12$

$7 + 12 = 19$

$12 + 19 = 31$

$19 + 31 = \boxed{50}$

$31 + 50 = 81$

213. (4) There are two alternating series :

$3 + 3 = 6;$

$5 + 6 = 11$

$6 + 3 = 9;$

$11 + 6 = 17$

$9 + 3 = 12;$

$17 + 6 = \boxed{23}$

214. (4) $5 \times 5 - 3 = 25 - 3 = 22$

$22 \times 5 - 3 = 110 - 3 = 107$

$107 \times 5 - 3 = 535 - 3 = \boxed{532}$

$532 \times 5 - 3 = 2660 - 3 = 2657$

215. (3) There are two alternating series :

$6 + 6 = 12$

$24 - 8 = \boxed{16}$

$12 + 6 = 18$

$16 - 8 = 8$

$18 + 6 = 24$

$8 - 8 = 0$

216. (3)

$\begin{array}{ccccccc} 206 & 221 & 251 & 296 & 356 & \boxed{431} \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +15 & +30 & +45 & +60 & +75 & \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +15 & +15 & +15 & +15 & \end{array}$

217. (4)

$\begin{array}{ccccccc} 5 & 17 & 37 & 65 & \boxed{101} & 145 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +12 & +20 & +28 & +36 & +44 & \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +8 & +8 & +8 & +8 & \end{array}$

218. (1)

$\begin{array}{ccccccc} 33 & 48 & 65 & 84 & \boxed{105} & \boxed{128} \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +15 & +17 & +19 & +21 & +23 & \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +2 & +2 & +2 & +2 & \end{array}$

219. (4) $\begin{array}{ccccccc} 2 & 10 & 26 & 50 & \boxed{82} \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +8 & +16 & +24 & +32 & \\ \uparrow & \uparrow & \uparrow & \uparrow \\ +8 & +8 & +8 & \end{array}$

220. (1)

$\begin{array}{ccccccc} 0 & 7 & \boxed{26} & 63 & 124 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +7 & +19 & +37 & +61 & \\ \uparrow & \uparrow & \uparrow & \uparrow \\ +12 & +18 & +24 & \\ \uparrow & \uparrow & \uparrow \\ +6 & +6 & \end{array}$

221. (1)

$\begin{array}{ccccccc} 12 & 36 & 108 & 324 & \boxed{972} \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ \times 3 & \times 3 & \times 3 & \times 3 & \end{array}$

222. (3) $53 - 13 = 40$

$40 - 13 = 27$

$27 - 13 = \boxed{14}$

223. (1) There are two alternating series :

$6 + 2 = 8$

$8 + 2 = 10$

$10 + 2 = 12$

And,

$20 - 6 = 14$

$14 - 6 = 8$

$8 - 6 = \boxed{2}$

224. (4) $33 + 33 = 66$

$66 + 33 = 99$

$99 + 33 = 132$

225. (2) $\begin{array}{ccccccc} 4 & 18 & 48 & \boxed{100} & 180 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +14 & +30 & +52 & +80 & \\ \uparrow & \uparrow & \uparrow & \uparrow \\ +16 & +22 & +28 & \\ \uparrow & \uparrow \\ +6 & +6 & \end{array}$

226. (1)

$3 + (2)^3 = 3 + 8 = 11$

$11 + (3)^3 = 11 + 27 = 38$

$38 + (4)^3 = 38 + 64 = 102$

$102 + (5)^3 = 102 + 125 = \boxed{227}$

$227 + (6)^3 = 227 + 216 = 443$

227. (4) $3.5 + 3.5 = 7$

$7 + 3.5 = 10.5$

$10.5 + 3.5 = 14$

$14 + 3.5 = \boxed{17.5}$

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228. (1) $7 + 5 = 12$
 $12 + 7 = 19$
 $19 + 9 = 28$
 $28 + 11 = 39$

$39 + 13 = \boxed{52}$

229. (2) $1 + 2 = 3$
 $3 + 4 = 7$
 $7 + 6 = 13$
 $13 + 8 = 21$
 $21 + 10 = 31$
 $31 + 12 = 43$

$43 + 14 = \boxed{57}$

230. (4) $0.5 + 1.5 = 2.0$
 $2.0 + 2.5 = 4.5$
 $4.5 + 3.5 = 8.0$
 $8.0 + 4.5 = 12.5$
 $12.5 + 5.5 = 18.0$

231. (4) $3 + 3 = 6$; $6 \times 3 = 18$;
 $18 + 3 = 21$; $21 \times 3 = 63$;
 $63 + 3 = 66$

So,
 $? = 66 \times 3 = 198$

232. (1) The numbers in given series are Even Numbers.

233. (3) $15 - 1 = 14$
 $14 - 2 = 12$
 $12 - 3 = 9$
 $9 - 4 = 5$
 $5 - 5 = 0$

$0 - 6 = \boxed{-6}$

234. (4) $26 - 4 = 22$
 $22 - 2 = 20$
 $20 - 4 = 16$
 $16 - 2 = 14$

$14 - 4 = \boxed{10}$

235. (1) $15 + 8 = 23$
 $23 + 8 = 31$
 $31 + 8 = 39$

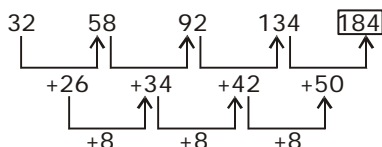
$39 + 8 = \boxed{47}$

$47 + 7 = 54$
 $54 + 7 = 61$

236. (1) $2 + 1.5 = 3.5$
 $3.5 + 1.5 = 5$
 $5 + 1.5 = 6.5$
 $6.5 + 1.5 = 8$

$8 + 1.5 = \boxed{9.5}$

237. (1)



238. (1) $5 \times 2 + 3 = 13$
 $13 \times 2 + 3 = 29$
 $29 \times 2 + 3 = 61$
 $61 \times 2 + 3 = 125$

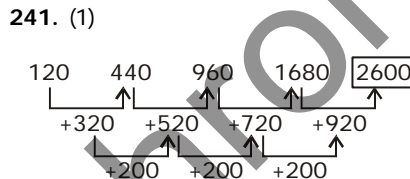
$125 \times 2 + 3 = \boxed{253}$

239. (2) Take three terms at a time.
 $61 + 63 = 124$

$\frac{124}{2} = 62$; $62 - 10 = 52$

Similarly,
 $94 + ? = (46 + 10) \times 2$
 $\Rightarrow ? = 112 - 94 = \boxed{18}$

240. (3) $13 \rightarrow 10$
 3 has been replaced with zero in the next term.
 $103 \rightarrow 100$
 $1003 \rightarrow 1000$
 $10003 \dots\dots$



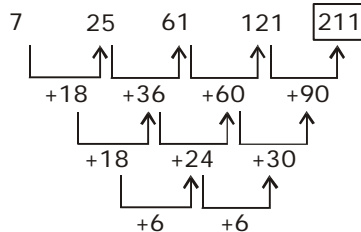
242. (4) $5 \times 3 + 1 = 16$
 $16 \times 3 + 3 = 51$
 $51 \times 3 + 5 = 158$

$158 \times 3 + 7 = \boxed{481}$

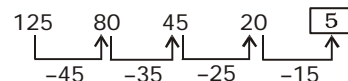
243. (2) $198 + (2)^2 = 202$
 $202 + (3)^2 = 211$
 $211 + (4)^2 = 227$

$227 + (5)^2 = \boxed{252}$

244. (2)



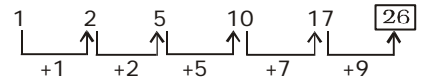
245. (4)



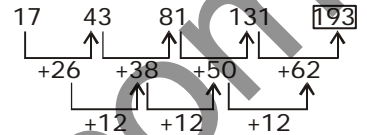
246. (2) Prime Numbers are given.

1, 3, 5, 7, $\boxed{11}$, 13

247. (4)



248. (2)



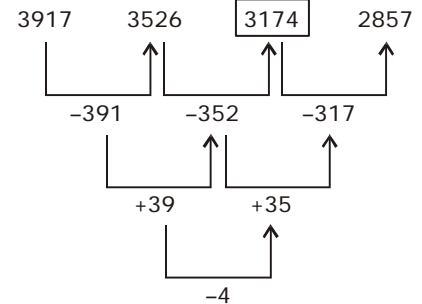
249. (4) $5 \times 2 + 1 = 11$
 $11 \times 2 + 1 = 23$
 $23 \times 2 + 1 = 47$
 $47 \times 2 + 1 = 95$

$95 \times 2 + 1 = \boxed{191}$

250. (4) $2 \rightarrow 9 = 29$
 $29 + 9 = 37$
 $38 + 9 = 47$

$47 + 9 = \boxed{56}$

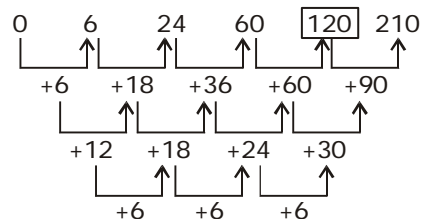
251. (1)



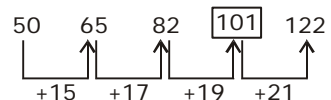
252. (2) $5 \times 2 + 1 = 11$
 $11 \times 2 + 2 = 24$
 $24 \times 2 + 3 = 51$
 $51 \times 2 + 4 = 106$

$106 \times 2 + 5 = \boxed{217}$

253. (3)



254. (1)



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255. (4) $4 - 1 = 3$

$3 - 0.5 = 2.5$

$2.5 - 0.25 = 2.25$

$2.25 - 0.125 = 2.125$

256. (4) $2311 + 2218 = 4529$

$4529 + 2226 = \boxed{6755}$

$6755 + 2234 = 8989$

257. (4) $21 + 9 = 30$

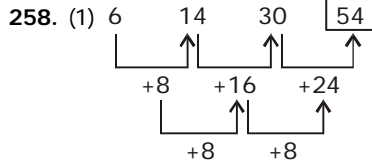
$30 + 8 = 38$

$38 + 7 = \boxed{45}$

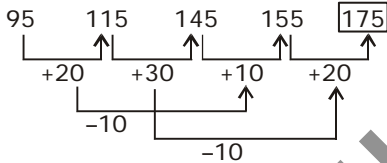
$45 + 6 = 51$

$51 + 5 = 56$

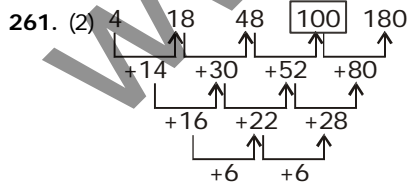
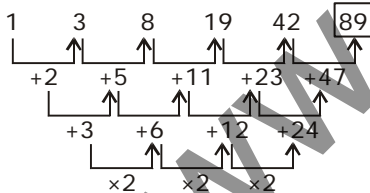
$56 + 4 = 60$



259. (2)



260. (3)



262. (1) The pattern of the number series is : $x \times 2$

$4 \times 2 = 8$

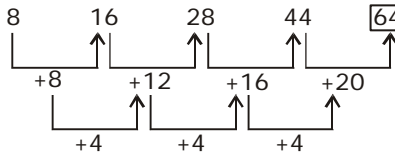
$8 \times 2 = 16$

$16 \times 2 = 32$

$32 \times 2 = \boxed{64}$

$64 \times 2 = 128$

263. (2)



264. (4) $0 + 3 = 3$

$3 + 5 = 8$

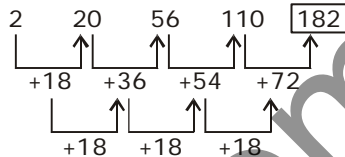
$8 + 7 = 15$

$15 + 9 = 24$

$24 + 11 = \boxed{35}$

$35 + 13 = 48$

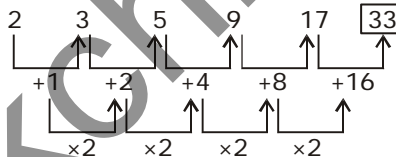
265. (3)



266. (2) $121 \rightarrow 222 \rightarrow 424 \rightarrow 828$

The first and the third digits get doubled.

267. (3)



268. (2) $7 \times 2 - 2 = 14 - 2 = 12$

$12 \times 2 - 2 = 24 - 2 = 22$

$22 \times 2 - 2 = 44 - 2 = 42$

$42 \times 2 - 2 = 84 - 2 = 82$

$82 \times 2 - 2 = 164 - 2 = \boxed{162}$

269. (3) $3 + 3 = 6$

$6 + 3 = 9$

$9 + 6 = 15$

$15 + 9 = 24$

$24 + 15 = 39$

$39 + 24 = 63$

$63 + 39 = \boxed{102}$

270. (2) $-1 + 1 = 0$

$0 + 3 = \boxed{3}$

$3 + 5 = 8$

$8 + 7 = 15$

$15 + 9 = 24$

271. (3)

$2 \xrightarrow{+4} 6 \xrightarrow{+4} 10 \xrightarrow{+4} \boxed{14}$

$3 \xrightarrow{+4} 7 \xrightarrow{+4} 11$

$5 \xrightarrow{+4} 9 \xrightarrow{+4} 13$

272. (2) $22 + 9 = 31$

$31 + 11 = 42$

$42 + 13 = 55$

$55 + 15 = \boxed{70}$

$70 + 17 = 87$

273. (3) $512 \div 2 = 256$

$256 \div 2 = 128$

$128 \div 2 = \boxed{64}$

$64 \div 2 = 32$

$32 \div 2 = 16$

$16 \div 2 = 8$

274. (2) $30 + 100 = 130$

$130 + (100 \times 5) = 630$

$630 + (500 \times 5) = 3130$

275. (3) $5 \times 2 + 1 = 11$

$11 \times 2 - 1 = 21$

$21 \times 2 + 1 = 43$

$43 \times 2 - 1 = 85$

$85 \times 2 + 1 = \boxed{171}$

276. (4) $12 \times 2 + 3 = 27$

$27 \times 3 + 4 = 85$

$85 \times 4 + 5 = 345$

$345 \times 5 + 6 = \boxed{1731}$

277. (4) $(0)^3 = 0$

$(1)^3 = 1$

$(2)^3 = 8$

$(3)^3 = 27$

$(4)^3 = 64$

$(5)^3 = 125$

278. (4) $1 \times 5 = 5$

$5 \times 5 = 25$

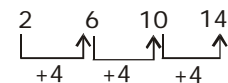
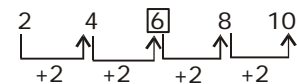
$25 \times 5 = 125$

$125 \times 5 = 625$

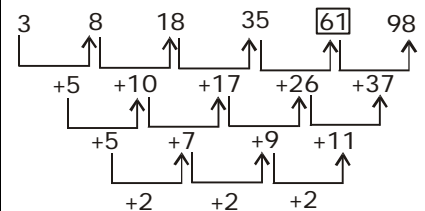
$625 \times 5 = 3125$

$3125 \times 5 = 15625$

279. (1) There are two alternating series :



280. (1)



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281. (2) $17 - 4 = 13$

$13 - 2 = 11$

$11 - 4 = 7$

$7 - 2 = 5$

$5 - 4 = \boxed{1}$

282. (3) $4 \times 2 + 1 = 9$

$9 \times 2 + 1 = 19$

$19 \times 2 + 1 = 39$

$39 \times 2 + 1 = \boxed{79}$

283. (3) $3 \times 2 = 6$

$8 \times 2 = 16$

$18 \times 2 = \boxed{36}$

284. (4) $9 + 6 = 15$

$15 + 8 = 23$

$23 + 10 = 33$

$33 + 12 = \boxed{45}$

285. (2) $4 + 3 = 7$

$7 + 4 + 3 = 14$

$14 + 3 + 7 = 24$

$24 + 7 + 10 = 41$

$41 + 10 + 17 = \boxed{68}$

286. (1) $5 \times 3 + 1 = 16$

$16 \times 3 + 3 = 51$

$51 \times 3 + 5 = 158$

$158 \times 3 + 7 = \boxed{481}$

287. (4) $1 + 3 = 4$

$4 - 2 = 2$

$2 + 1 = 3$

$3 - 1 = 2$

$2 + 3 = \boxed{5}$

288. (3) $68 + 13 = 81$

$81 + 15 = 96$

$96 + 17 = \boxed{113}$

$113 + 19 = 132$

289. (3)

$1 \xrightarrow{+1} 2 \xrightarrow{+1} 3 \xrightarrow{+1} 4 \xrightarrow{+1} 5$

$2 \xrightarrow{+3} 5 \xrightarrow{+2} 7 \xrightarrow{+2} 9 \xrightarrow{+2} 11$

$1 \xrightarrow{+2} 3 \xrightarrow{+1} 4 \xrightarrow{+1} 5 \xrightarrow{+1} 6$

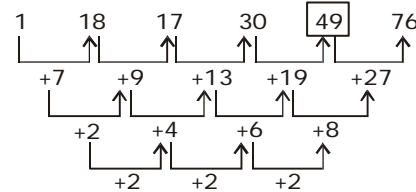
Therefore, ? = 5116

290. (4) There are two alternating series.

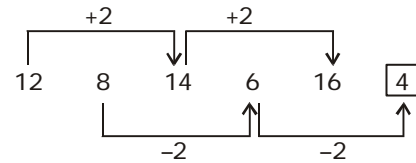
$3 \xrightarrow{+1} 4 \xrightarrow{+1} 5 \xrightarrow{+1} 6 \xrightarrow{+1} 7$

$15 \xrightarrow{+1} 16 \xrightarrow{+1} 17 \xrightarrow{+1} \boxed{18}$

291. (2)



292. (4)



293. (3) $1 + 5 = 6$

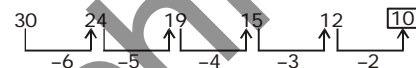
$6 + 7 = 13$

$13 + 9 = 22$

$22 + 11 = 33$

$33 + 13 = \boxed{46}$

294. (3)



295. (1) $2 + 5 = 7$

$7 + 10 = 17$

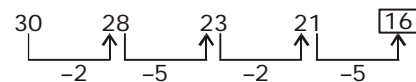
$17 + 15 = 32$

$32 + 20 = 52$

$52 + 25 = 77$

$77 + 30 = \boxed{107}$

296. (2)



297. (3) $1 \times 2 = 2$

$2 \times 3 = 6$

$6 \times 4 = 24$

$24 \times 5 = \boxed{120}$

$120 \times 6 = 720$

298. (1) $156 + 350 = 506$

$506 + 550 = \boxed{1056}$

$1056 + 750 = 1806$

299. (2) $8 + 16 = 24$

$24 + 16 = 40$

$40 + 16 = 56$

$56 + 16 = \boxed{72}$

$72 + 16 = 88$

300. (2) $1 \times 2 = 2$

$2 \times 3 = 6$

$6 \times 4 = 24$

$24 \times 5 = 120$

$120 \times 6 = \boxed{720}$

301. (4) Consecutive perfect cubes are given :

$(1)^3 = 1$

$(2)^3 = 8$

$(3)^3 = 27$

$(4)^3 = 64$

302. (3) $25 + 10 = 35$

$35 + 20 = 55$

$55 + 30 = 85$

$85 + 40 = \boxed{125}$

303. (3) $7\frac{1}{7} = \frac{50}{7}$; $8\frac{2}{6} = \frac{50}{6}$;

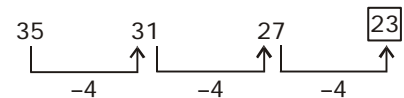
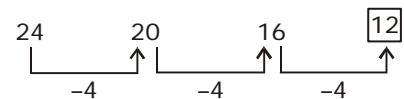
$9\frac{5}{5} = \frac{50}{5}$; $12\frac{2}{4} = \frac{50}{4}$;

$16\frac{2}{3} = \frac{50}{3}$

The denominator is decreasing by 1, but the numerator remains constant. Therefore,

$? = \frac{50}{2}$

304. (1) There are two alternating series.



305. (1) $1 \times 1 + 1 = 2$

$2 \times 2 + 1 = 5$

$5 \times 5 + 1 = 26$

$26 \times 26 + 1 = 677$

306. (2) $0 + 6 = 6$

$6 + 18 = 24$

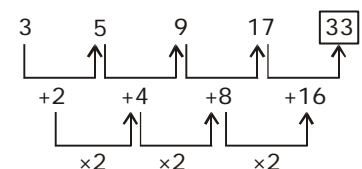
$24 + 36 = 60$

$60 + 60 = 120$

$120 + 90 = 210$

$210 + 126 = 336$

307. (4)



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308. (4) $4 + 2 = 6$

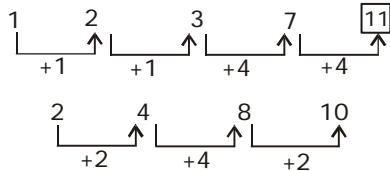
$$6 + 4 = 10$$

$$10 + 6 = 16$$

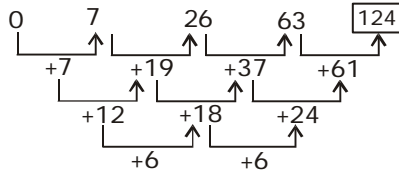
$$16 + 8 = 24$$

$$24 + 10 = 34$$

309. (1) There are two alternating series :



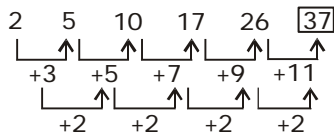
310. (4)



311. (1) $1 \ 2 \ \boxed{3} \ 4/1 \ \boxed{2} \ 3 \ 4/$

$$1 \ 2 \ 3 \ \boxed{4} / \boxed{1} \ 2 \ 3 \ 4$$

312. (3)



313. (2) $3 \xrightarrow{+7} 10 \xrightarrow{+7} \boxed{17}$

$$5 \xrightarrow{+7} 12 \xrightarrow{+7} \boxed{19}$$

$$35 \longrightarrow 35 \longrightarrow 35$$

314. (3) $36 - 2 = 34$

$$34 - 4 = 30$$

$$30 - 2 = 28$$

$$28 - 4 = 24$$

$$24 - 2 = 22$$

315. (1) $325 - 66 = 259$

$$259 - 55 = 204$$

$$204 - 44 = 160$$

$$160 - 33 = 127$$

$$127 - 22 = 105$$

$$105 - 11 = \boxed{94}$$

316. (1) $0.15 + 0.15 = 0.30$

$$0.30 + 0.30 = 0.60$$

$$0.60 + 0.60 = 1.20$$

$$1.20 + 1.20 = 2.40$$

317. (2) $3 + 5 = 8$

$$8 + 2 = 10$$

$$10 + 5 = 15$$

$$15 + 2 = 17$$

$$17 + 5 = 22$$

$$22 + 2 = 24$$

$$24 + 5 = 29$$

$$29 + 2 = 31$$

318. (1) $1 + 4 = 5$

$$5 + (4 + 4) = 13$$

$$13 + (8 + 4) = 25$$

$$25 + (12 + 4) = 41$$

$$41 + (16 + 4) = 61$$

$$61 + (20 + 4) = \boxed{85}$$

319. (4) $(1)^2 = 1$

$$(1 + 3)^2 = (4)^2 = 16$$

$$(4 + 5)^2 = (9)^2 = 81$$

$$(9 + 7)^2 = (16)^2 = 256$$

$$(16 + 9)^2 = (25)^2 = 625$$

$$(25 + 11)^2 = (36)^2 = 1296$$

320. (4) $(19)^2 = 361$

$$(17)^2 = 289$$

$$(13)^2 = 169$$

$$(11)^2 = 121$$

$$(7)^2 = 49$$

$$(5)^2 = 25$$

321. (3) There are two alternating series

$$127 + 12 = 139$$

$$139 + 12 = 151$$

$$151 + 12 = 163$$

And,

$$131 + 10 = \boxed{141}$$

$$141 + 16 = 157$$

$$157 + 10 = 167$$

322. (4) The sum of two terms gives the next term.

$$1 + 1 = 2$$

$$1 + 2 = 3$$

$$2 + 3 = 5$$

$$3 + 5 = \boxed{8}$$

$$5 + 8 = 13$$

$$8 + 13 = 21$$

323. (4) $7 + 11 = 18$

$$18 + 22 = 40$$

$$40 + 33 = 73$$

$$73 + 44 = 117$$

$$117 + 55 = 172$$

324. (3) $3 + 2 = 5$

$$5 + 4 = 9$$

$$9 + 6 = 15$$

$$15 + 8 = 23$$

$$23 + 10 = 33$$

$$33 + 12 = 45$$

$$45 + 14 = 59$$

$$59 + 16 = \boxed{75}$$

325. (1) The terms at the odd places are consecutive square numbers and the terms at the even places are obtained by inverting the digits of the previous terms.

$$(4)^2 = 16 \Rightarrow 61$$

$$(5)^2 = 25 \Rightarrow 52$$

$$(6)^2 = 36 \Rightarrow 63$$

$$(7)^2 = 49 \Rightarrow 94$$

326. (1) $5 - 9 = -4$

$$1 - 5 = -4$$

$$-3 - 1 = -4$$

$$-7 - (-3) = -4$$

The difference between consecutive terms is always -4 .

Therefore,

$$n\text{th term} = x_n = -4n + z$$

(Where z is an unknown number)

For, $n = 1, x_1 = 9$

$$9 = -4 \times 1 + z$$

$$\Rightarrow z = 9 + 4 = 13$$

$$\therefore x_{20} = -4 \times 20 + 13$$

$$= -80 + 13 = -67$$

327. (2) $4 + 7 = 11$

$$11 + 6 = 17$$

$$17 + 5 = 22$$

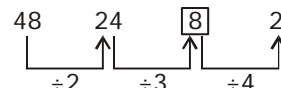
$$22 + 4 = \boxed{26}$$

$$26 + 3 = 29$$

$$29 + 2 = 31$$

$$31 + 1 = 32$$

328. (1) There are two alternating series :



329. (4) $4 \times 2 + 1 = \boxed{9}$

$$9 \times 2 + 1 = 19$$

$$19 \times 2 + 1 = 39$$

$$39 \times 2 + 1 = 79$$

$$79 \times 2 + 1 = 159$$

330. (4) $16 + 14 = 30$

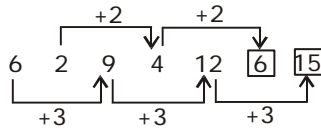
$$30 + 21 = \boxed{51}$$

$$51 + 28 = 79$$

$$79 + 35 = 114$$

| SERIES |

331. (4)

332. (4) $-1 + 1 = 0$

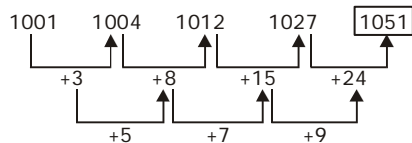
$0 + 3 = 3$

$3 + 5 = 8$

$8 + 7 = 15$

$15 + 9 = \boxed{24}$

333. (1)

334. (1) $8 + 5 = 13$

$13 + 5 = 18$

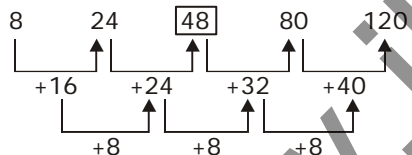
$18 + 5 = 23$

$23 + 5 = \boxed{28}$

$28 + 5 = 33$

$33 + 5 = 38$

335. (1)

336. (3) $15 + 6 = 21$

$21 + 36 = 57$

$57 + 64 = \boxed{121}$

$121 + 100 = 221$

337. (*) $720 \div 4 = 180$

$180 \div 4 = 176$

$176 \div 4 = 44$

$44 \div 4 = 11$

$11 \div 4 = 2.75$

$10 \div 4 = \boxed{6}$

$6 \div 4 = \boxed{1.5}$

338. (4) $5 \times 2 = 10$

$10 \times 2 = 20$

$20 \times 2 = 40$

$40 \times 2 = 80$

$80 \times 2 = \boxed{160}$

339. (3) $5 + 3 = 8$

$8 \times 2 = 16$

$16 + 3 = 19$

$19 \times 2 = 38$

$38 + 3 = 41$

$41 \times 2 = \boxed{82}$

340. (2) $826 = 480 + 346$

$480 = 346 + 134$

$346 = 134 + \boxed{212}$

341. (3) $78 \times 2 - 1 = 155$

$155 \times 2 - 1 = 309$

$309 \times 2 - 1 = \boxed{617}$

$617 \times 2 - 1 = 1233$

342. (3) $6 + 4 = 10$

$10 + 8 = 18$

$18 + 16 = 34$

$34 + 32 = \boxed{66}$

$66 + 64 = 130$

343. (3) $1 + 1 = 2$

$2 + 2 = 4$

$4 + 3 = 7$

$7 + 4 = \boxed{11}$

$11 + 5 = 16$

344. (2) $7 + 3 = 10$

$10 + 9 = 19$

$19 + 3 = 22$

$22 + 9 = 31$

$31 + 3 = \boxed{34}$

345. (1) $16 + 17 = 33$

$33 + 20 = 53$

$53 + 23 = 76$

$76 + 26 = 102$

$102 + 29 = \boxed{131}$

346. (2) $1 + 2 = 3$

$3 + 3 = 6$

$6 + 4 = 10$

$10 + 5 = 15$

$15 + 6 = 21$

$21 + 7 = 28$

$28 + 8 = \boxed{36}$

347. (4) $1 + 4 = 5$

$5 + 7 = \boxed{12}$

$12 + 10 = 22$

$22 + 13 = 35$

348. (3) $(1)^2 = 1$

$(3)^2 = 9$

$(5)^2 = 25$

$(7)^2 = 49$

$(11)^2 = \boxed{121}$

Perfect squares of prime numbers are given.

349. (3) $1 \times 2 = 2$

$2 \times 2 = 4$

$2 \times 4 = 8$

$4 \times 8 = 32$

$8 \times 32 = \boxed{256}$

350. (2) $206 + 15 = 221$

$221 + 30 = 251$

$251 + 45 = 296$

$296 + 60 = \boxed{356}$

$356 + 75 = 431$

351. (1) Consecutive perfect square numbers are given :

$4 = 2 \times 2$

$9 = 3 \times 3$

$16 = 4 \times 4$

$25 = 5 \times 5$

$36 = 6 \times 6$

$49 = 7 \times 7$

352. (3) There are two alternating series :

$6 + 4 = 10$

$10 + 4 = 14$

$14 + 4 = 18$

And,

$6 + 5 = 11$

$11 + 5 = 16$

$16 + 5 = \boxed{21}$

353. (3) The series is based on consecutive Prime Numbers plus one.

$3 + 1 = 4$

$5 + 1 = 6$

$7 + 1 = 8$

$11 + 1 = 12$

$13 + 1 = 14$

$17 + 1 = 18$

$19 + 1 = 20$

$23 + 1 = 24$

$29 + 1 = 30$

$31 + 1 = 32$

$37 + 1 = 38$

354. (4) After decimal, the number of digits is increasing by one. Therefore, the number 0.00800 will come at the question-mark.

Now, take the numbers after deleting the decimals :

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2, 16, 72, 256 and 800

$2 \times 8 = 16$

$16 \times 4.5 = 72$

$72 \times 3.55 \approx 256$

$256 \times 3.125 = 800$

$8 - 4.5 = 3.5$

$4.5 - 3.55 = 0.95$

$3.55 - 3.125 = 0.425$

355. (3) $7 \times 7 + 2 = 51$

$8 \times 8 + 1 = 65$

$9 \times 9 + 0 = 81$

356. (1) $0.25 \times 4 + 4 = 5$

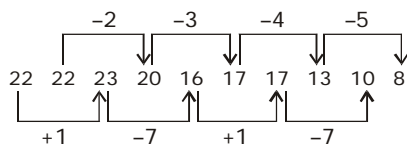
$5 \times 5 + 5 = 30$

$30 \times 6 + 6 = 186$

$186 \times 7 + 7 = 1309$

$1309 \times 8 + 8 = 10480$

357. (4)



358. (3) $19 + 9 = 28$

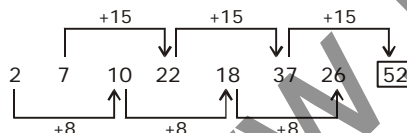
$28 + 11 = 39$

$39 + 13 = 52$

$52 + 15 = \boxed{67}$

$67 + 17 = 84$

359. (2)



360. (2) $4 \times 3 = 12$

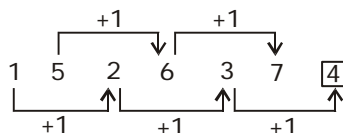
$12 \times 4 = 48$

$48 \times 5 = 240$

$240 \times 6 = 1440$

$1440 \times 7 = \boxed{10080}$

361. (3)



362. (3) $2 \times 1 + 1 = 3$

$3 \times 2 + 2 = 8$

$8 \times 3 + 3 = 27$

$27 \times 4 + 4 = 112$

$112 \times 5 + 5 = 565$

363. (1) $463 - 11 = 452$

$452 - 13 = 439$

$439 - 15 = 424$

$424 - 17 = \boxed{407}$

364. (3) $1 + 2 = 3$

$3 + 4 = 7$

$7 + 6 = 13$

$13 + 8 = 21$

$21 + 10 = \boxed{31}$

365. (1) $43 \times 4 = 172$

$172 \div 2 = 86$

$86 \times 4 = 344$

$344 \div 2 = 172$

366. (1) $2 + 5 = 7$

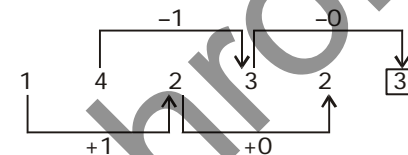
$7 + 7 = 14$

$14 + 9 = 23$

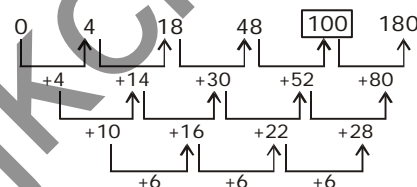
$23 + 11 = 34$

$34 + 13 = \boxed{47}$

367. (3)



368. (4)



369. (4) $124 + 111 = 235$

$235 + 111 = 346$

$346 + 111 = 457$

$457 + 111 = 568$

370. (2) $63 + 9 = 72$

$72 + 9 = 81$

$81 + 9 = 90$

$90 + 9 = 99$

$99 + 9 = 108$

371. (3) $206 + 103 = 309$

$309 + 103 = 412$

$412 + 103 = \boxed{515}$

$515 + 103 = 618$

$618 + 103 = 721$

372. (3) $219 - 8 = 211$

$211 - 7 = 204$

$204 - 6 = 198$

$198 - 5 = 193$

$193 - 4 = 189$

373. (4) $3 \times 2 = 6$

$6 \times 3 = 18$

$18 \times 4 = 72$

$72 \times 5 = \boxed{360}$

$360 \times 6 = 2160$

374. (1) $100 \div 2 = 50$

$50 + 2 = 52$

$52 \div 2 = 26$

$26 + 2 = 28$

$28 \div 2 = \boxed{14}$

$14 + 2 = 16$

$16 \div 2 = 8$

375. (2) $12 - 8 = 4$

$8 + 4 = 12$

$4 + 8 = 12$

$100 = 44 + 56$

376. (4) $10 + 8 = 18$

$18 + 10 = 28$

$28 + 12 = 40$

$40 + 14 = \boxed{54}$

377. (1) $5 + 4 = 9$

$9 - 3 = 6$

$6 + 5 = 11$

$11 - 4 = 7$

$7 + 6 = 13$

378. (2) $6 \times 2 = 12$

$12 \times 3 = 36$

$36 \times 4 = 144$

$144 \times 5 = 720$

$720 \times 6 = 4320$

$4320 \times 7 = 30240$

379. (4) $8 \times 2 - 1 = 15$

$15 \times 2 - 2 = 28$

$28 \times 2 - 3 = 53$

$53 \times 2 - 4 = 102$

380. (3) $9 + 4 = 13$

$13 + 4 = 17$

$17 + 4 = \boxed{21}$

$21 + 4 = 25$

381. (3) $14 \times 2 - 1 = 27$

$27 \times 2 - 2 = 52$

$52 \times 2 - 3 = 101$

$101 \times 2 - 4 = 198$

$198 \times 2 - 5 = \boxed{391}$

382. (3) $6 + 5 = 11$

$11 + 10 = 21$

$21 + 15 = 36$

$36 + 20 = 56$

$56 + 25 = \boxed{81}$

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383. (2) Consecutive cube numbers are given :

$$\begin{aligned}1 \times 1 \times 1 &= 1 \\2 \times 2 \times 2 &= 8 \\3 \times 3 \times 3 &= 27 \\4 \times 4 \times 4 &= 64 \\5 \times 5 \times 5 &= 125 \\6 \times 6 \times 6 &= 216\end{aligned}$$

$$7 \times 7 \times 7 = \boxed{343}$$

384. (1) $5 \times 2 = 10$
 $10 \times 3 = 30$

$$30 \times 4 = \boxed{120}$$

$$\begin{aligned}120 \times 5 &= 600 \\600 \times 6 &= 3600\end{aligned}$$

385. (4) $5 + 6 = 11$

$$\begin{aligned}11 + 6 &= 17 \\17 + 8 &= 25 \\25 + 8 &= 33 \\33 + 10 &= 43\end{aligned}$$

$$43 + 10 = \boxed{53}$$

386. (4) $6 + 2 = 8$

$$\begin{aligned}8 + 9 &= 17 \\17 + 2 &= 19 \\19 + 9 &= 28 \\28 + 2 &= 30\end{aligned}$$

$$30 + 9 = \boxed{39}$$

387. (3) The sum of the previous two terms is the next term of the series.

$$3 + 4 = 7$$

$$4 + 7 = \boxed{11}$$

$$\begin{aligned}7 + 11 &= 18 \\11 + 18 &= 29 \\18 + 29 &= 47\end{aligned}$$

388. (3) $41 + 2 = 43$

$$\begin{aligned}43 + 4 &= 47 \\47 + 6 &= 53\end{aligned}$$

$$53 + 8 = \boxed{61}$$

389. (2) $15 \times \frac{14}{2} = 105$

Similarly,

$$13 \times \frac{12}{2} = \boxed{78}$$

390. (2) $5 \times 2 + 1 = 11$

$$\begin{aligned}11 \times 2 + 2 &= 24 \\24 \times 2 + 3 &= 51 \\51 \times 2 + 4 &= 106\end{aligned}$$

$$106 \times 2 + 5 = \boxed{217}$$

391. (1) $9 + 12 = 21$

$$\begin{aligned}21 + 24 &= 45 \\45 + 48 &= 93\end{aligned}$$

$$93 + 96 = \boxed{189}$$

$$189 + 192 = 381$$

392. (2) The second unit of the previous term is the first unit of the next term.

393. (1) $5 \times 2 = 10$

$$\begin{aligned}10 + 3 &= 13 \\13 \times 2 &= 26 \\26 + 3 &= 29 \\29 \times 2 &= 58 \\58 + 3 &= 61\end{aligned}$$

$$61 \times 2 = \boxed{122}$$

394. (2) $0 \times 1 + 1 = 1$

$$\begin{aligned}1 \times 2 + 2 &= 4 \\4 \times 3 + 3 &= 15\end{aligned}$$

$$15 \times 4 + 4 = \boxed{64}$$

$$\begin{aligned}64 \times 5 + 5 &= 325 \\325 \times 6 + 6 &= 1956\end{aligned}$$

395. (2) $8 \times 3 = 24$

$$24 \div 2 = 12$$

$$12 \times 3 = \boxed{36}$$

$$\begin{aligned}36 \div 2 &= 18 \\18 \times 3 &= 54\end{aligned}$$

396. (1) $68 + 4 = 72$

$$\begin{aligned}72 - 7 &= 65 \\65 + 4 &= 69 \\69 - 7 &= 62 \\62 + 4 &= 66\end{aligned}$$

$$66 - 7 = \boxed{59}$$

397. (3) $11 + 2 = 13$

$$\begin{aligned}13 + 4 &= 17 \\17 + 2 &= 19 \\19 + 4 &= 23 \\23 + 2 &= 25\end{aligned}$$

$$25 + 4 = \boxed{29}$$

398. (2) $70 - 8 = 62$

$$\begin{aligned}62 + 3 &= 65 \\65 - 8 &= 57\end{aligned}$$

$$57 + 3 = \boxed{60}$$

$$60 - 8 = 52$$

$$52 + 3 = 55$$

399. (3) $1 + 5 = 6$

$$6 + 9 (5 + 4) = 15$$

$$15 + 13 (9 + 4) = \boxed{28}$$

$$28 + 17 (13 + 4) = 45$$

$$45 + 21 (17 + 4) = 66$$

400. (4) $30 \times 2 + 2 = 62$

$$\begin{aligned}62 \times 3 + 3 &= 189 \\189 \times 4 + 4 &= 760\end{aligned}$$

$$760 \times 5 + 5 = \boxed{3805}$$

401. (1) $4 \times 2 + 1 = 9$

$$\begin{aligned}9 \times 2 + 1 &= 19 \\19 \times 2 + 1 &= 39 \\39 \times 2 + 1 &= 79\end{aligned}$$

402. (2) $5 \times 2 + 1 = 11$

$$\begin{aligned}11 \times 2 + 2 &= 24 \\24 \times 2 + 3 &= 51 \\51 \times 2 + 4 &= 106\end{aligned}$$

$$106 \times 2 + 5 = \boxed{217}$$

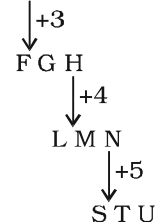
403. (3) $6 + 6 = 12$

$$\begin{aligned}12 + 8 &= 20 \\20 + 10 &= 30 \\30 + 12 &= 42\end{aligned}$$

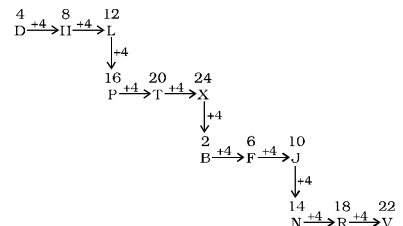
$$42 + 14 = \boxed{56}$$

TYPE-II

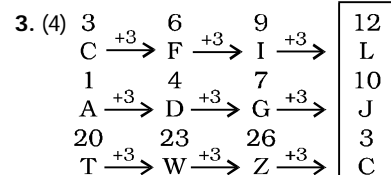
1. (3) ABC



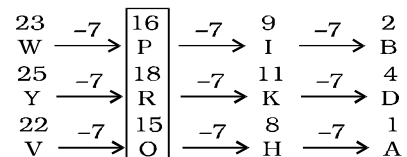
2. (1)



Therefore, ? = NRV



4. (3)



| SERIES |

5. (1)

$$\begin{matrix} 1 & 3 & 6 & 10 & 15 & 21 \\ a \xrightarrow{+2} & c \xrightarrow{+3} & f \xrightarrow{+4} & j \xrightarrow{+5} & o \xrightarrow{+6} & u \end{matrix}$$

6. (2)

$$\begin{matrix} 17 & 9 & 5 \\ Q \xrightarrow{-4} & M \xrightarrow{-4} & I \xrightarrow{-4} & E \\ 25 & 19 & 16 \\ Y \xrightarrow{-3} & V \xrightarrow{-3} & S \xrightarrow{-3} & P \\ 11 & 7 & 5 \\ K \xrightarrow{-2} & I \xrightarrow{-2} & G \xrightarrow{-2} & E \end{matrix}$$

7. (4)

$$\begin{matrix} 4 & 8 & 12 & 16 \\ D \xrightarrow{+4} & H \xrightarrow{+4} & L \xrightarrow{+4} & P \\ 9 & 13 & 17 & 21 \\ I \xrightarrow{+4} & M \xrightarrow{+4} & Q \xrightarrow{+4} & U \\ 2 & 6 & 10 & 14 \\ B \xrightarrow{+4} & F \xrightarrow{+4} & J \xrightarrow{+4} & N \end{matrix}$$

8. (1)

$$\begin{matrix} 14 & 16 & 18 & 20 \\ N \xrightarrow{+2} & P \xrightarrow{+2} & R \xrightarrow{+2} & T \\ 15 & 17 & 19 & 21 \\ O \xrightarrow{+2} & Q \xrightarrow{+2} & S \xrightarrow{+2} & U \\ 1 & 2 & 3 & 4 \\ A \xrightarrow{+1} & B \xrightarrow{+1} & C \xrightarrow{+1} & D \end{matrix}$$

9. (3)

$$\begin{matrix} 20 & 18 & 16 \\ T \xrightarrow{-2} & R \xrightarrow{-2} & P \xrightarrow{-2} \\ 14 & 12 & 10 & 8 \\ N \xrightarrow{-2} & L \xrightarrow{-2} & J \xrightarrow{-2} & H \end{matrix}$$

10. (2)

$$\begin{matrix} 1 & 7 & 13 & 19 \\ A \xrightarrow{+6} & G \xrightarrow{+6} & M \xrightarrow{+6} & S \\ 4 & 10 & 16 & 22 \\ D \xrightarrow{+6} & J \xrightarrow{+6} & P \xrightarrow{+6} & V \\ 7 & 13 & 19 & 25 \\ G \xrightarrow{+6} & M \xrightarrow{+6} & S \xrightarrow{+6} & Y \end{matrix}$$

11. (3) $A \xrightarrow{+3} D \xrightarrow{+4} H \xrightarrow{+5} M$

$$\xrightarrow{6+} S \xrightarrow{+7} Z$$

12. (3)

$$\begin{matrix} B \xrightarrow{+3} & E \xrightarrow{+3} & H \xrightarrow{+3} & K \\ M \xrightarrow{+2} & O \xrightarrow{+2} & Q \xrightarrow{+2} & S \\ O \xrightarrow{+2} & Q \xrightarrow{+2} & S \xrightarrow{+2} & U \end{matrix}$$

13. (2)

$$\begin{matrix} C \xrightarrow{+2} & E \xrightarrow{+2} & G \xrightarrow{+2} & I \\ G \xrightarrow{+3} & J \xrightarrow{+3} & M \xrightarrow{+3} & P \\ K \xrightarrow{+5} & P \xrightarrow{+5} & U \xrightarrow{+5} & Z \end{matrix}$$

14. (1)

$$\begin{matrix} N \xrightarrow{+1} & O \xrightarrow{+1} & P \xrightarrow{+1} & Q \\ O \xrightarrow{+1} & P \xrightarrow{+1} & Q \xrightarrow{+1} & R \\ A \xrightarrow{+1} & B \xrightarrow{+1} & C \xrightarrow{+1} & D \\ B \xrightarrow{+1} & C \xrightarrow{+1} & D \xrightarrow{+1} & E \end{matrix}$$

15. (4)

$$\begin{matrix} K \xrightarrow{+2} & M \xrightarrow{+2} & O \xrightarrow{+2} & Q \\ D \xrightarrow{+3} & G \xrightarrow{+3} & J \xrightarrow{+3} & M \\ W \xrightarrow{-3} & T \xrightarrow{-3} & Q \xrightarrow{-3} & N \end{matrix}$$

16. (4)

$$\begin{matrix} 1 & 4 & 7 & 10 \\ A \xrightarrow{+3} & D \xrightarrow{+3} & G \xrightarrow{+3} & J \\ 4 & 7 & 10 & 13 \\ D \xrightarrow{+3} & G \xrightarrow{+3} & J \xrightarrow{+3} & M \\ 8 & 11 & 14 & 17 \\ H \xrightarrow{+3} & K \xrightarrow{+3} & N \xrightarrow{+3} & Q \end{matrix}$$

17. (3) $A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} D$

$$\begin{matrix} G \xrightarrow{+1} & H \xrightarrow{+1} & I \xrightarrow{+1} & J \\ M \xrightarrow{+1} & N \xrightarrow{+1} & O \xrightarrow{+1} & P \end{matrix}$$

18. (2)

$$\begin{matrix} D \xrightarrow{+7} & K \xrightarrow{+7} & R \xrightarrow{+7} & Y \\ F \xrightarrow{+7} & M \xrightarrow{+7} & T \xrightarrow{+7} & A \\ I \xrightarrow{+7} & P \xrightarrow{+7} & W \xrightarrow{+7} & D \end{matrix}$$

19. (1)

$$\begin{matrix} & -2 & -2 & -2 & -2 & -2 \\ & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ W & V & T & S & Q & P & N & M & K & J & H & G \\ & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ -1 & -1 & -1 & -1 & -1 & -1 & -1 & -1 & -1 & -1 & -1 & -1 \end{matrix}$$

20. (4) $Z \xrightarrow{-1} Y \xrightarrow{-1} X \xrightarrow{-1} W$

$$\begin{matrix} C \xrightarrow{+3} & F \xrightarrow{+3} & I \xrightarrow{+3} & L \\ B \xrightarrow{+3} & E \xrightarrow{+3} & H \xrightarrow{+3} & K \\ A \xrightarrow{+3} & D \xrightarrow{+3} & G \xrightarrow{+3} & J \end{matrix}$$

21. (3)

$$\begin{matrix} D \xrightarrow{+2} & F \xrightarrow{+2} & H \xrightarrow{+2} & J \\ W \xrightarrow{-2} & U \xrightarrow{-2} & S \xrightarrow{-2} & Q \\ E \xrightarrow{+2} & G \xrightarrow{+2} & I \xrightarrow{+2} & K \\ V \xrightarrow{-2} & T \xrightarrow{-2} & R \xrightarrow{-2} & P \end{matrix}$$

22. (4)

$$\begin{matrix} F \xrightarrow{+2} & H \xrightarrow{+2} & J \xrightarrow{+2} & L \\ N \xrightarrow{+3} & Q \xrightarrow{+3} & T \xrightarrow{+3} & W \\ C \xrightarrow{+4} & G \xrightarrow{+4} & K \xrightarrow{+4} & O \end{matrix}$$

23. (1) $A \xrightarrow{+5} F \xrightarrow{+5} K \xrightarrow{+5} P$
 $M \xrightarrow{+4} Q \xrightarrow{+4} U \xrightarrow{+4} Y$
 $V \xrightarrow{+2} X \xrightarrow{+2} Z \xrightarrow{+2} B$

24. (3)

$$\begin{matrix} B \xrightarrow{+1} & C \xrightarrow{+2} & E \xrightarrow{+3} \\ H \xrightarrow{+4} & L \xrightarrow{+5} & O \xrightarrow{+6} & W \end{matrix}$$

25. (1)

$$\begin{matrix} A \xrightarrow{+2} & C \xrightarrow{+2} & E \xrightarrow{+2} & G \xrightarrow{+2} & I \xrightarrow{+2} & K \\ G \xrightarrow{+2} & I \xrightarrow{+2} & K \xrightarrow{+2} & M \xrightarrow{+2} & O \xrightarrow{+2} & Q \\ M \xrightarrow{+2} & O \xrightarrow{+2} & Q \xrightarrow{+2} & S \xrightarrow{+2} & U \xrightarrow{+2} & W \\ S \xrightarrow{+2} & U \xrightarrow{+2} & W \xrightarrow{+2} & Y \xrightarrow{+2} & A \xrightarrow{+2} & C \\ Y \xrightarrow{+2} & A \xrightarrow{+2} & C \xrightarrow{+2} & E \xrightarrow{+2} & G \xrightarrow{+2} & I \end{matrix}$$

26. (2) There are two alternating series :

$$\begin{matrix} a \xrightarrow{+2} & c \xrightarrow{+2} & e \xrightarrow{+2} & g \xrightarrow{+2} & i \\ r \xrightarrow{+1} & s \xrightarrow{+1} & t \xrightarrow{+1} & u \end{matrix}$$

Therefore, ? = ui

27. (2)

$$\begin{matrix} P \xrightarrow{+3} & S \xrightarrow{+3} & V \xrightarrow{+3} & Y \xrightarrow{+3} & B \\ E \xrightarrow{+3} & H \xrightarrow{+3} & K \xrightarrow{+3} & N \xrightarrow{+3} & Q \\ T \xrightarrow{+3} & W \xrightarrow{+3} & Z \xrightarrow{+3} & C \xrightarrow{+3} & F \\ I \xrightarrow{+3} & L \xrightarrow{+3} & O \xrightarrow{+3} & R \xrightarrow{+3} & U \end{matrix}$$

Now, $P \xrightarrow{+4} T$, $E \xrightarrow{+4} I$

Therefore, the first letter of the first term should be

$$E \xrightarrow{-4} A$$

$$A \xrightarrow{+3} D \xrightarrow{+3} G \xrightarrow{+3} J \xrightarrow{+3} M$$

28. (1)

$$\begin{matrix} C \xrightarrow{+6} & I \xrightarrow{+6} & O \xrightarrow{+6} & U \\ F \xrightarrow{+5} & K \xrightarrow{+5} & P \xrightarrow{+5} & U \\ I \xrightarrow{+4} & M \xrightarrow{+4} & Q \xrightarrow{+4} & U \end{matrix}$$

29. (2)

$$\begin{matrix} AB \xrightarrow{+2} & DE \xrightarrow{+2} & GH \\ C & & F & & I \\ & \uparrow & & \uparrow & \\ & +3 & & +3 & \\ ZY \xrightarrow{-2} & WV \xrightarrow{-2} & TS \\ X & & U & & R \\ & \uparrow & & \uparrow & \\ & -3 & & -3 & \end{matrix}$$

30. (4)

$$\begin{matrix} W \xrightarrow{-2} & U \xrightarrow{-2} & S \xrightarrow{-2} & Q \xrightarrow{-2} & O \\ S \xrightarrow{-4} & O \xrightarrow{-4} & K \xrightarrow{-4} & G \xrightarrow{-4} & C \end{matrix}$$

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31. (4) Obviously, the next term will be MNNO.

32. (1)

B $\xrightarrow{+7}$ I $\xrightarrow{+7}$ P $\xrightarrow{+7}$ W
 D $\xrightarrow{+7}$ K $\xrightarrow{+7}$ R $\xrightarrow{+7}$ Y
 F $\xrightarrow{+7}$ M $\xrightarrow{+7}$ T $\xrightarrow{+7}$ A
 H $\xrightarrow{+7}$ O $\xrightarrow{+7}$ V $\xrightarrow{+7}$ C

33. (4)

A	$\xrightarrow{+3}$	D	$\xrightarrow{+3}$	G	$\xrightarrow{+3}$	J
O	$\xrightarrow{+3}$	R	$\xrightarrow{+3}$	U	$\xrightarrow{+3}$	X
B	$\xrightarrow{+3}$	E	$\xrightarrow{+3}$	H	$\xrightarrow{+3}$	K
N	$\xrightarrow{+3}$	Q	$\xrightarrow{+3}$	T	$\xrightarrow{+3}$	W

34. (3)

W $\xrightarrow{-3}$ T $\xrightarrow{-4}$ P $\xrightarrow{-3}$ M $\xrightarrow{-4}$ I
 $\xrightarrow{-3}$ F $\xrightarrow{-4}$ B $\xrightarrow{-3}$ Y $\xrightarrow{-4}$ U

35. (1)

B	$\xrightarrow{+2}$	D	$\xrightarrow{+2}$	F	$\xrightarrow{+2}$	H	$\xrightarrow{+2}$	J
M	$\xrightarrow{+2}$	L	$\xrightarrow{+2}$	K	$\xrightarrow{+2}$	J	$\xrightarrow{+2}$	I
R	$\xrightarrow{+2}$	T	$\xrightarrow{+2}$	V	$\xrightarrow{+2}$	X	$\xrightarrow{+2}$	Z
G	$\xrightarrow{+2}$	F	$\xrightarrow{+2}$	E	$\xrightarrow{+2}$	D	$\xrightarrow{+2}$	C

36. (1) X Y Z U V W R S T

C B A F E D

37. (4)

MNO	PQR	STU
ABC	DEF	GHI

38. (1)

W $\xrightarrow{+1}$ X $\xrightarrow{+1}$ Y $\xrightarrow{+1}$ Z
 O $\xrightarrow{+1}$ P $\xrightarrow{+1}$ Q $\xrightarrow{+1}$ R
 R $\xrightarrow{+1}$ S $\xrightarrow{+1}$ T $\xrightarrow{+1}$ U
 L $\xrightarrow{+1}$ M $\xrightarrow{+1}$ N $\xrightarrow{+1}$ O
 D $\xrightarrow{+1}$ E $\xrightarrow{+1}$ F $\xrightarrow{+1}$ G

39. (2)

D	$\xrightarrow{+4}$	H	$\xrightarrow{+5}$	M	$\xrightarrow{+6}$	S
E	$\xrightarrow{+4}$	I	$\xrightarrow{+5}$	N	$\xrightarrow{+6}$	T
F	$\xrightarrow{+4}$	J	$\xrightarrow{+5}$	O	$\xrightarrow{+6}$	U

40. (3)

W $\xrightarrow{-7}$ P $\xrightarrow{-7}$ I $\xrightarrow{-7}$ B $\xrightarrow{-7}$ U
 V $\xrightarrow{-7}$ O $\xrightarrow{-7}$ H $\xrightarrow{-7}$ A $\xrightarrow{-7}$ T

41. (3)

b $\xrightarrow{+1}$ c $\xrightarrow{+3}$ f $\xrightarrow{+1}$ g $\xrightarrow{+3}$ j
 $\xrightarrow{+1}$ k $\xrightarrow{+3}$ n

42. (3) Z $\xrightarrow{-1}$ Y $\xrightarrow{-1}$ X $\xrightarrow{-1}$ W
 T $\xrightarrow{-1}$ S $\xrightarrow{-1}$ R $\xrightarrow{-1}$ Q
 W $\xrightarrow{-1}$ V $\xrightarrow{-1}$ U $\xrightarrow{-1}$ T

43. (2)

D $\xrightarrow{+3}$ G $\xrightarrow{+4}$ K $\xrightarrow{+3}$ N $\xrightarrow{+4}$ R $\xrightarrow{+3}$ U
 F $\xrightarrow{+4}$ J $\xrightarrow{+3}$ M $\xrightarrow{+4}$ Q $\xrightarrow{+3}$ T $\xrightarrow{+4}$ X

44. (2)

7 $\xrightarrow{+2}$ 9 $\xrightarrow{+3}$ 12 $\xrightarrow{+4}$ 16 $\xrightarrow{+5}$ 21
 G $\xrightarrow{+2}$ I $\xrightarrow{+3}$ L $\xrightarrow{+4}$ P $\xrightarrow{+5}$ U

45. (1)

1 $\xrightarrow{+4}$ 5 $\xrightarrow{+4}$ 9 $\xrightarrow{+4}$ 13 $\xrightarrow{+4}$ 17 $\xrightarrow{+4}$ 21
 A $\xrightarrow{+4}$ E $\xrightarrow{+4}$ I $\xrightarrow{+4}$ M $\xrightarrow{+4}$ Q $\xrightarrow{+4}$ U

46. (4)

22 $\xrightarrow{-2}$ 20 $\xrightarrow{-2}$ 18 $\xrightarrow{-2}$ 16 $\xrightarrow{-2}$ 14
 V $\xrightarrow{-2}$ T $\xrightarrow{-2}$ R $\xrightarrow{-2}$ P $\xrightarrow{-2}$ N

47. (1)

2 $\xrightarrow{+6}$ 8 $\xrightarrow{+6}$ 14 $\xrightarrow{+6}$ 20 $\xrightarrow{+6}$ 26
 B $\xrightarrow{+6}$ H $\xrightarrow{+6}$ N $\xrightarrow{+6}$ T $\xrightarrow{+6}$ Z
 4 $\xrightarrow{+6}$ 10 $\xrightarrow{+6}$ 16 $\xrightarrow{+6}$ 22 $\xrightarrow{+6}$ 28⁽²⁶⁺²⁾
 D $\xrightarrow{+6}$ J $\xrightarrow{+6}$ P $\xrightarrow{+6}$ V $\xrightarrow{+6}$ B
 6 $\xrightarrow{+6}$ 12 $\xrightarrow{+6}$ 18 $\xrightarrow{+6}$ 24 $\xrightarrow{+6}$ 30⁽²⁶⁺²⁾
 F $\xrightarrow{+6}$ L $\xrightarrow{+6}$ R $\xrightarrow{+6}$ X $\xrightarrow{+6}$ D

48. (2) The second element of each term has been written in capital letter.

a \rightarrow b \rightarrow c \rightarrow d \rightarrow e \rightarrow f
 b \rightarrow c \rightarrow d \rightarrow e \rightarrow f \rightarrow g
 Therefore, ? = fFgg

49. (3) 2 $\xrightarrow{+3}$ 5 $\xrightarrow{+4}$ 9 $\xrightarrow{+3}$ 12 $\xrightarrow{+4}$ 16 $\xrightarrow{+3}$ 19
 B \rightarrow E \rightarrow I \rightarrow L \rightarrow P \rightarrow S

50. (3)

AB
 $\downarrow +2$
 DEF
 $\downarrow +2$
 HIJK
 $\downarrow +2$
MNOPQ
 $\downarrow +2$
 STUVWX

In each next term one letter is increasing.

51. (1) 15 $\xrightarrow{+1}$ 16 $\xrightarrow{+1}$ 17 $\xrightarrow{+1}$ 18 $\xrightarrow{+1}$ 19
 O \rightarrow P \rightarrow Q \rightarrow R \rightarrow S
 20 $\xrightarrow{+1}$ 21 $\xrightarrow{+1}$ 22 $\xrightarrow{+1}$ 23 $\xrightarrow{+1}$ 24
 T \rightarrow U \rightarrow V \rightarrow W \rightarrow X
 5 $\xrightarrow{+1}$ 6 $\xrightarrow{+1}$ 7 $\xrightarrow{+1}$ 8 $\xrightarrow{+1}$ 9
 E \rightarrow F \rightarrow G \rightarrow H \rightarrow I

52. (3)

Q $\xrightarrow{+1}$ R $\xrightarrow{+1}$ S $\xrightarrow{+1}$ T
 R $\xrightarrow{+1}$ S $\xrightarrow{+1}$ T $\xrightarrow{+1}$ U
 E $\xrightarrow{-1}$ D $\xrightarrow{-1}$ C $\xrightarrow{-1}$ B

53. (3)

4 $\xrightarrow{+2}$ 6 $\xrightarrow{+3}$ 9 $\xrightarrow{+4}$ 13 $\xrightarrow{+5}$ 18 $\xrightarrow{+6}$ 24
 D \rightarrow F \rightarrow I \rightarrow M \rightarrow R \rightarrow X

54. (3)

1	3	5	7	9				
A	$\xrightarrow{+2}$	C	$\xrightarrow{+2}$	E	$\xrightarrow{+2}$	G	$\xrightarrow{+2}$	I
15	17	19	21	23				
O	$\xrightarrow{+2}$	Q	$\xrightarrow{+2}$	S	$\xrightarrow{+2}$	U	$\xrightarrow{+2}$	W
16	18	20	22	24				
P	$\xrightarrow{+2}$	R	$\xrightarrow{+2}$	T	$\xrightarrow{+2}$	V	$\xrightarrow{+2}$	X

55. (2)

4 $\xrightarrow{+4}$ 8 $\xrightarrow{+4}$ 12 $\xrightarrow{+6}$ 18 $\xrightarrow{+6}$ 24
 D \rightarrow H \rightarrow L \rightarrow R \rightarrow X

56. (4)

2 $\xrightarrow{+4}$ 6 $\xrightarrow{+2}$ 8
 B \rightarrow F \rightarrow H
 0(26) 4 6
 Z $\xrightarrow{+4}$ D $\xrightarrow{+2}$ F
 10 14 16
 J $\xrightarrow{+4}$ N $\xrightarrow{+2}$ P
 20 24 26
 T $\xrightarrow{+4}$ X $\xrightarrow{+2}$ Z

57. (3)

26 23 20 17 14 11
 Z $\xrightarrow{-3}$ W $\xrightarrow{-3}$ T $\xrightarrow{-3}$ Q $\xrightarrow{-3}$ N $\xrightarrow{-3}$ K

58. (3)

2 $\xrightarrow{+3}$ 5 $\xrightarrow{+4}$ 9 $\xrightarrow{+5}$ 14 $\xrightarrow{+6}$ 20
 B \rightarrow E \rightarrow I \rightarrow N \rightarrow T

59. (2) C D E

$\downarrow +4$
 I J K
 $\downarrow +3$
 N O P
 $\downarrow +2$
 R S T

60. (3)

y	$\xrightarrow{-4}$	U	$\xrightarrow{-4}$	Q	$\xrightarrow{-4}$	M	$\xrightarrow{-4}$	I
x	$\xrightarrow{-4}$	T	$\xrightarrow{-4}$	P	$\xrightarrow{-4}$	L	$\xrightarrow{-4}$	H
W	$\xrightarrow{-4}$	S	$\xrightarrow{-4}$	O	$\xrightarrow{-4}$	K	$\xrightarrow{-4}$	G

61. (2)

C	$\xrightarrow{+6}$	I	$\xrightarrow{+6}$	O	$\xrightarrow{+6}$	U
E	$\xrightarrow{+6}$	K	$\xrightarrow{+6}$	Q	$\xrightarrow{+6}$	W
G	$\xrightarrow{+6}$	M	$\xrightarrow{+6}$	S	$\xrightarrow{+6}$	Y

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62. (3)

$$A \xrightarrow{+1} B \xrightarrow{+2} D \xrightarrow{+3} G \xrightarrow{+1} \boxed{K}$$

63. (4)

$$a \xrightarrow{+3} d \xrightarrow{-1} c \xrightarrow{+3} f \xrightarrow{-1} i$$

$$\boxed{e} \xrightarrow{+3} h \xrightarrow{-1} g \xrightarrow{+3} \boxed{j} \xrightarrow{-1} i$$

64. (3)

$$B \xrightarrow{+8} J \xrightarrow{+6} P \xrightarrow{+5} \boxed{U}$$

$$D \xrightarrow{+8} L \xrightarrow{+6} R \xrightarrow{+5} \boxed{W}$$

$$F \xrightarrow{+8} N \xrightarrow{+6} T \xrightarrow{+5} \boxed{Y}$$

65. (2) $Z \xrightarrow{-6} T \xrightarrow{-5} O \xrightarrow{+4}$

$$K \xrightarrow{-3} H \xrightarrow{-2} \boxed{F}$$

66. (3) There are two alternating series :

$$I \xrightarrow{+2} K \xrightarrow{+2} M \xrightarrow{+2} O \xrightarrow{+2} \boxed{Q}$$

$$W \xrightarrow{-2} U \xrightarrow{-2} S \xrightarrow{-2} Q$$

67. (2)

$$Q \xrightarrow{-3} N \xrightarrow{-3} K$$

$$\xrightarrow{-3} H \xrightarrow{-3} E \xrightarrow{-3} \boxed{B}$$

68. (1) $C \xrightarrow{-2} A, F \xrightarrow{-2} D, I \xrightarrow{-2} \boxed{G}$

69. (4) $B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+3}$

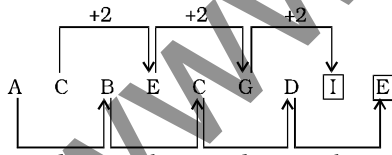
$$I \xrightarrow{+3} L \xrightarrow{+4} P \xrightarrow{+4} \boxed{T}$$

70. (4)

$$3 \xrightarrow{+2} 5 \xrightarrow{+4} 9 \xrightarrow{+2} 11 \xrightarrow{+4} 15 \xrightarrow{+2} 17 \xrightarrow{+4} \boxed{21}$$

$$C \xrightarrow{+2} E \xrightarrow{+4} I \xrightarrow{+2} K \xrightarrow{+4} O \xrightarrow{+2} Q \xrightarrow{+4} \boxed{U}$$

71. (3)



72. (3) There is a difference of 3 letters.

Thus,

$$D \xrightarrow{+4} H \xrightarrow{+4} L \xrightarrow{+4} P$$

73. (2) $F \xrightarrow{+6} L \xrightarrow{+5} Q \xrightarrow{+4} U \xrightarrow{+3} X \xrightarrow{+2} \boxed{Z}$

74. (3)

$$1 \xrightarrow{-2} 26 \xrightarrow{-2} 3 \xrightarrow{-2} 24 \xrightarrow{-2} 5 \xrightarrow{-2} \boxed{22}$$

$$A \xrightarrow{-2} Z \xrightarrow{-2} C \xrightarrow{-2} X \xrightarrow{-2} E \xrightarrow{-2} \boxed{V}$$

75. (3) In the alternate pair of consecutive letters, the order of letters is reversed.

Therefore, ? = MN

76. (3) $3 \xrightarrow{+3} 6 \xrightarrow{+3} 9 \xrightarrow{+3} 12$

$$C \xrightarrow{+3} F \xrightarrow{+3} I \xrightarrow{+3} L$$

$$7 \xrightarrow{+3} 10 \xrightarrow{+3} 13 \xrightarrow{+3} 16$$

$$G \xrightarrow{+3} J \xrightarrow{+3} M \xrightarrow{+3} P$$

$$11 \xrightarrow{+3} 14 \xrightarrow{+3} 17 \xrightarrow{+3} 20$$

$$K \xrightarrow{+3} N \xrightarrow{+3} Q \xrightarrow{+3} T$$

77. (1) $16 \xrightarrow{+1} 17 \xrightarrow{+1} 18 \xrightarrow{+1} 19$

$$P \xrightarrow{+1} Q \xrightarrow{+1} R \xrightarrow{+1} S$$

$$2 \xrightarrow{+2} 4 \xrightarrow{+2} 6 \xrightarrow{+2} 8$$

$$B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} H$$

$$1 \xrightarrow{+2} 3 \xrightarrow{+2} 5 \xrightarrow{+2} 7$$

$$A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} G$$

78. (1)

$$26 \xrightarrow{-2} 24 \xrightarrow{-4} \boxed{20} \xrightarrow{-6} 14 \xrightarrow{-8} 6$$

$$Z \xrightarrow{-2} X \xrightarrow{-4} \boxed{T} \xrightarrow{-6} N \xrightarrow{-8} F$$

79. (3)

$$1 \xrightarrow{+3} 4 \xrightarrow{+3} 7 \xrightarrow{+3} 10 \xrightarrow{+3} 13$$

$$A \xrightarrow{+3} D \xrightarrow{+3} G \xrightarrow{+3} J \xrightarrow{+3} M$$

$$25 \xrightarrow{-2} 23 \xrightarrow{-2} 21 \xrightarrow{-2} 19 \xrightarrow{-2} 17$$

$$Y \xrightarrow{-2} W \xrightarrow{-2} U \xrightarrow{-2} S \xrightarrow{-2} Q$$

$$2 \xrightarrow{+3} 5 \xrightarrow{+3} 8 \xrightarrow{+3} 11 \xrightarrow{+3} 14$$

$$B \xrightarrow{+3} E \xrightarrow{+3} H \xrightarrow{+3} K \xrightarrow{+3} N$$

$$26 \xrightarrow{-2} 24 \xrightarrow{-2} 22 \xrightarrow{-2} 20 \xrightarrow{-2} 18$$

$$Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} T \xrightarrow{-2} R$$

$$3 \xrightarrow{+3} 6 \xrightarrow{+3} 9 \xrightarrow{+3} 12 \xrightarrow{+3} 15$$

$$C \xrightarrow{+3} F \xrightarrow{+3} I \xrightarrow{+3} L \xrightarrow{+3} O$$

80. (1) The word begins with a Vowel and the words have been arranged in alphabetical order.

81. (4) $B \xrightarrow{+3} E \xrightarrow{+3} H \xrightarrow{+3} K$

82. (3) $A \xrightarrow{+5} F \xrightarrow{+5} K$

$$C \xrightarrow{+5} H \xrightarrow{+5} M$$

83. (1)

$$Y \xrightarrow{-3} V \xrightarrow{-3} S \xrightarrow{-3} P \xrightarrow{-3} M \xrightarrow{-3} \boxed{J}$$

84. (3) XYZ, UVW, RST, \boxed{OPQ}

ABC, DEF, GHI

85. (2)

$$D \xrightarrow{+2} F \xrightarrow{+2} H \xrightarrow{+2} J \xrightarrow{+2} L$$

$$G \xrightarrow{+2} I \xrightarrow{+2} K \xrightarrow{+2} M \xrightarrow{+2} O$$

$$J \xrightarrow{+2} L \xrightarrow{+2} N \xrightarrow{+2} P \xrightarrow{+2} R$$

86. (3) $A \xrightarrow{+5} F \xrightarrow{+5} K \xrightarrow{+5} P$

$$E \xrightarrow{+5} J \xrightarrow{+5} O \xrightarrow{+5} T$$

87. (3) $B \xrightarrow{+6} H \xrightarrow{+6} N \xrightarrow{+6} T$

$$D \xrightarrow{+6} J \xrightarrow{+6} P \xrightarrow{+6} V$$

$$F \xrightarrow{+6} L \xrightarrow{+6} R \xrightarrow{+6} X$$

88. (1) NO OP PQ \boxed{QR}

AB BC CD \boxed{DE}

89. (4)

$$8 \xrightarrow{+2} 10 \xrightarrow{+3} 13 \xrightarrow{+4} 17 \xrightarrow{+5} \boxed{22}$$

$$H \xrightarrow{+2} J \xrightarrow{+3} M \xrightarrow{+4} Q \xrightarrow{+5} \boxed{V}$$

90. (1)

$$B \xrightarrow{+9} K \xrightarrow{+9} T \xrightarrow{+9} \boxed{C}$$

$$D \xrightarrow{+9} M \xrightarrow{+9} V \xrightarrow{+9} \boxed{E}$$

$$F \xrightarrow{+9} O \xrightarrow{+9} X \xrightarrow{+9} \boxed{G}$$

91. (1)

$$Z \xrightarrow{-2} X \xrightarrow{-3} U \xrightarrow{-4} Q \xrightarrow{-5} L \xrightarrow{-6} \boxed{F}$$

92. (4) $Z \xrightarrow{-6} T \xrightarrow{-6} N \xrightarrow{-6} \boxed{H}$

$$X \xrightarrow{-6} R \xrightarrow{-6} L \xrightarrow{-6} \boxed{F}$$

$$V \xrightarrow{-6} P \xrightarrow{-6} J \xrightarrow{-6} \boxed{D}$$

93. (3) $B \xrightarrow{+7} \boxed{I} \xrightarrow{+7} P \xrightarrow{+7} W$

$$D \xrightarrow{+7} \boxed{K} \xrightarrow{+7} R \xrightarrow{+7} Y$$

$$F \xrightarrow{+7} \boxed{M} \xrightarrow{+7} T \xrightarrow{+7} A$$

94. (3)

$$A \xrightarrow{+2} C \xrightarrow{+3} F \xrightarrow{+4} J \xrightarrow{+5} O \xrightarrow{+6} \boxed{U} \xrightarrow{+7} B$$

95. (3)

$$X \xrightarrow{-3} U \xrightarrow{-3} R \xrightarrow{-3} O \xrightarrow{-3} L$$

$$\xrightarrow{-3} I \xrightarrow{-3} \boxed{F} \xrightarrow{-3} \boxed{C}$$

96. (4)

$$1 \ 2 \ 3 \ 4 \ 5 \Rightarrow B \ D \ A \ E \ C$$

$$A \ B \ C \ D \ E \ 1 \ 2 \ 3 \ 4 \ 5$$

$$2 \ 4 \ 1 \ 5 \ 3 \Rightarrow B \ D \ A \ E \ C$$

$$D \ E \ B \ C \ A \Rightarrow E \ C \ D \ A \ B$$

$$1 \ 2 \ 3 \ 4 \ 5$$

97. (2) $A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} \boxed{D}$

$$S \xrightarrow{-1} R \xrightarrow{-1} Q \xrightarrow{-1} \boxed{P}$$

$$Y \xrightarrow{-1} X \xrightarrow{-1} W \xrightarrow{-1} \boxed{V}$$

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98. (2)

$$25 \begin{array}{c} Y \\ \xrightarrow{-6} S \\ \xrightarrow{-5} N \\ \xrightarrow{-4} J \\ \xrightarrow{-3} G \\ \xrightarrow{-2} E \end{array} \begin{array}{c} 19 \\ \\ 14 \\ \\ 10 \\ \\ 7 \\ \\ 5 \end{array}$$

99. (3)

$$D \xrightarrow{+2} F \xrightarrow{+3} I \xrightarrow{+4} M \xrightarrow{+5} R$$

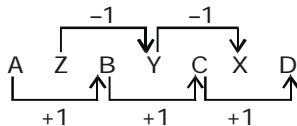
100. (1)

$$\begin{array}{c} A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} D \\ E \xrightarrow{+1} F \xrightarrow{+1} G \xrightarrow{+1} H \\ I \xrightarrow{+1} J \xrightarrow{+1} K \xrightarrow{+1} L \end{array}$$

101. (1)

$$\begin{array}{c} K \xrightarrow{+3} N \xrightarrow{+3} O \xrightarrow{+3} T \xrightarrow{+3} W \\ i \xrightarrow{+2} k \xrightarrow{+2} m \xrightarrow{+2} o \xrightarrow{+2} q \\ D \xrightarrow{+4} H \xrightarrow{+4} L \xrightarrow{+4} P \xrightarrow{+4} T \end{array}$$

102. (1)



103. (4)

$$\begin{array}{c} Y \xrightarrow{-4} U \xrightarrow{-4} Q \xrightarrow{-4} M \xrightarrow{-4} I \\ X \xrightarrow{-4} T \xrightarrow{-4} P \xrightarrow{-4} L \xrightarrow{-4} H \\ W \xrightarrow{-4} S \xrightarrow{-4} O \xrightarrow{-4} K \xrightarrow{-4} G \end{array}$$

104. (3) $A \xrightarrow{+4} E \xrightarrow{+4} I \xrightarrow{+4} M \xrightarrow{+4} Q$

$$D \xrightarrow{+4} H \xrightarrow{+4} L \xrightarrow{+4} P \xrightarrow{+4} T$$

105. (1)

$$\begin{array}{c} A \xrightarrow{+8} I \xrightarrow{+8} Q \xrightarrow{+8} Y \\ B \xrightarrow{+8} J \xrightarrow{+8} R \xrightarrow{+8} Z \\ C \xrightarrow{+8} K \xrightarrow{+8} S \xrightarrow{+8} A \\ D \xrightarrow{+8} L \xrightarrow{+8} T \xrightarrow{+8} B \end{array}$$

106. (3)

$$\begin{array}{c} B \xrightarrow{+6} H \xrightarrow{+6} N \xrightarrow{+6} T \\ E \xrightarrow{+6} K \xrightarrow{+6} Q \xrightarrow{+6} W \end{array}$$

107. (4)

$$\begin{array}{c} A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} G \\ Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} T \\ B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} H \\ Y \xrightarrow{-2} W \xrightarrow{-2} U \xrightarrow{-2} S \end{array}$$

108. (2)

$$\begin{array}{c} T \xrightarrow{-2} R \xrightarrow{-2} P \xrightarrow{-2} N \\ \xrightarrow{-2} L \xrightarrow{-2} J \xrightarrow{-2} H \end{array}$$

109. (2)

$$\begin{array}{c} C \xrightarrow{+6} I \xrightarrow{+5} N \xrightarrow{+4} R \\ D \xrightarrow{+6} J \xrightarrow{+5} O \xrightarrow{+4} S \\ E \xrightarrow{+6} K \xrightarrow{+5} P \xrightarrow{+4} T \end{array}$$

110. (2)

$$\begin{array}{c} Y \xrightarrow{-6} S \xrightarrow{+2} U \xrightarrow{-6} O \\ \xrightarrow{+2} Q \xrightarrow{-5} L \xrightarrow{+1} M \end{array}$$

111. (2)

$$\begin{array}{c} E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} K \\ A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} G \\ C \xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2} I \end{array}$$

112. (4)

$$\begin{array}{c} F \xrightarrow{+1} G \xrightarrow{+1} H \xrightarrow{+1} I \xrightarrow{+1} J \\ L \xrightarrow{+1} M \xrightarrow{+1} N \xrightarrow{+1} O \xrightarrow{+1} P \\ U \xrightarrow{+1} V \xrightarrow{+1} W \xrightarrow{+1} X \xrightarrow{+1} Y \end{array}$$

113. (1) There are two alternating letter series

$$A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2} I$$

$$P \xrightarrow{+1} Q \xrightarrow{+1} R \xrightarrow{+1} S$$

Required letters \Rightarrow S I

114. (2)

$$\begin{array}{c} J \xrightarrow{-1} I \xrightarrow{-1} H \xrightarrow{-1} G \\ Q \xrightarrow{+1} R \xrightarrow{+1} S \xrightarrow{+1} T \end{array}$$

115. (1)

$$\begin{array}{c} C \xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} K \\ F \xrightarrow{+3} I \xrightarrow{+3} L \xrightarrow{+3} O \xrightarrow{+3} R \\ L \xrightarrow{-1} K \xrightarrow{-1} J \xrightarrow{-1} I \xrightarrow{-1} H \end{array}$$

116. (3)

$$\begin{array}{c} A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} D \\ Z \xrightarrow{-1} Y \xrightarrow{-1} X \xrightarrow{-1} W \end{array}$$

117. (1)

$$\begin{array}{c} A \xrightarrow{+4} E \xrightarrow{+4} I \xrightarrow{+4} M \\ Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} T \\ Y \xrightarrow{-2} W \xrightarrow{-2} U \xrightarrow{-2} S \end{array}$$

118. (1)

$$\begin{array}{c} X \xrightarrow{-1} W \xrightarrow{-1} V \xrightarrow{-1} U \xrightarrow{-1} T \\ G \xrightarrow{+2} I \xrightarrow{+2} K \xrightarrow{+2} M \xrightarrow{+2} O \\ H \xrightarrow{+2} J \xrightarrow{+2} L \xrightarrow{+2} N \xrightarrow{+2} P \end{array}$$

119. (1)

$$\begin{array}{c} S \xrightarrow{+1} T \xrightarrow{+1} U \xrightarrow{+1} V \xrightarrow{+1} W \\ C \xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} K \\ D \xrightarrow{+2} F \xrightarrow{+2} H \xrightarrow{+2} J \xrightarrow{+2} L \end{array}$$

120. (4)

$$\begin{array}{c} C \xrightarrow{+4} G \xrightarrow{+4} K \xrightarrow{+4} O \xrightarrow{+4} S \\ A \xrightarrow{+4} E \xrightarrow{+4} I \xrightarrow{+4} M \xrightarrow{+4} Q \end{array}$$

121. (3)

$$\begin{array}{c} L \xrightarrow{+1} M \xrightarrow{+1} N \xrightarrow{+1} O \xrightarrow{+1} P \\ X \xrightarrow{-4} T \xrightarrow{-4} P \xrightarrow{-4} L \xrightarrow{-4} H \\ F \xrightarrow{+4} J \xrightarrow{+4} N \xrightarrow{+4} R \xrightarrow{+4} V \end{array}$$

122. (1)

$$\begin{array}{c} B \xrightarrow{+1} C \xrightarrow{+1} D \xrightarrow{+1} E \\ D \xrightarrow{+2} F \xrightarrow{+2} H \xrightarrow{+2} J \\ F \xrightarrow{+3} I \xrightarrow{+3} L \xrightarrow{+3} O \end{array}$$

123. (2)

$$\begin{array}{c} A \xrightarrow{+3} D \xrightarrow{+3} G \xrightarrow{+3} J \\ L \xrightarrow{+2} N \xrightarrow{+2} P \xrightarrow{+2} R \\ N \xrightarrow{+2} P \xrightarrow{+2} R \xrightarrow{+2} T \end{array}$$

124. (1)

$$\begin{array}{c} Q \xrightarrow{-3} N \xrightarrow{-3} K \xrightarrow{-3} H \xrightarrow{-3} E \\ P \xrightarrow{-3} M \xrightarrow{-3} J \xrightarrow{-3} G \xrightarrow{-3} D \\ O \xrightarrow{-3} L \xrightarrow{-3} I \xrightarrow{-3} F \xrightarrow{-3} C \end{array}$$

125. (1)

$$\begin{array}{c} Q \xrightarrow{+1} R \xrightarrow{+1} S \xrightarrow{+1} T \xrightarrow{+1} U \\ A \longrightarrow A \longrightarrow A \longrightarrow A \longrightarrow A \\ R \xrightarrow{+1} S \xrightarrow{+1} T \xrightarrow{+1} U \xrightarrow{+1} V \end{array}$$

126. (2)

$$\begin{array}{c} G \xrightarrow{+3} J \xrightarrow{+3} M \xrightarrow{+3} P \\ O \xrightarrow{+3} R \xrightarrow{+3} U \xrightarrow{+3} X \\ N \xrightarrow{+3} Q \xrightarrow{+3} T \xrightarrow{+3} W \end{array}$$

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127. (2)

$$A \xrightarrow{+2} C \xrightarrow{+1} D \xrightarrow{+2} F \xrightarrow{+1} G \xrightarrow{+2} I \xrightarrow{+1} J \xrightarrow{+2} L$$

$$L \xrightarrow{+1} M \xrightarrow{+2} O \xrightarrow{+1} P \xrightarrow{+2} R$$

128. (3)

$$S \xrightarrow{-1} R \xrightarrow{-1} Q \xrightarrow{-1} P$$

$$F \xrightarrow{+1} G \xrightarrow{+1} H \xrightarrow{+1} I$$

$$J \xrightarrow{+1} K \xrightarrow{+1} L \xrightarrow{+1} M$$

129. (4)

$$a \xrightarrow{+4} e \xrightarrow{+4} i \xrightarrow{+4} m \xrightarrow{+4} q \xrightarrow{+4} u$$

$$k \xrightarrow{+4} o \xrightarrow{+4} s \xrightarrow{+4} w \xrightarrow{+4} a \xrightarrow{+4} e$$

130. (2)

$$K \xrightarrow{+1} L \xrightarrow{+1} M \xrightarrow{+1} N \xrightarrow{+1} O$$

$$E \xrightarrow{+1} F \xrightarrow{+1} G \xrightarrow{+1} H \xrightarrow{+1} I$$

$$C \xrightarrow{+1} D \xrightarrow{+1} E \xrightarrow{+1} F \xrightarrow{+1} G$$

131. (4)

$$A \xrightarrow{+6} G \xrightarrow{+6} M \xrightarrow{+6} S$$

$$B \xrightarrow{+6} H \xrightarrow{+6} N \xrightarrow{+6} T$$

$$D \xrightarrow{+6} J \xrightarrow{+6} P \xrightarrow{+6} V$$

$$C \xrightarrow{+6} I \xrightarrow{+6} O \xrightarrow{+6} U$$

132. (2)

$$A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} D$$

$$C \xrightarrow{+1} D \xrightarrow{+1} E \xrightarrow{+1} F$$

$$E \xrightarrow{+1} F \xrightarrow{+1} G \xrightarrow{+1} H$$

133. (3)

$$A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} G$$

$$Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} T$$

$$B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} H$$

$$Y \xrightarrow{-2} W \xrightarrow{-2} U \xrightarrow{-2} S$$

134. (4)

$$D \xrightarrow{+2} F \xrightarrow{+2} H \xrightarrow{+2} J \xrightarrow{+2} L$$

$$K \xrightarrow{-1} J \xrightarrow{-1} I \xrightarrow{-1} H \xrightarrow{-1} G$$

$$M \xrightarrow{+3} P \xrightarrow{+3} S \xrightarrow{+3} V \xrightarrow{+3} Y$$

135. (4)

$$A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} G$$

$$Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} T$$

$$B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} H$$

$$Y \xrightarrow{-2} W \xrightarrow{-2} U \xrightarrow{-2} S$$

136. (4)

$$E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} K \xrightarrow{+2} M$$

$$L \xrightarrow{+2} L \xrightarrow{+2} L \xrightarrow{+2} L \xrightarrow{+2} L$$

$$F \xrightarrow{+2} H \xrightarrow{+2} J \xrightarrow{+2} L \xrightarrow{+2} N$$

$$A \xrightarrow{+2} A \xrightarrow{+2} A \xrightarrow{+2} A \xrightarrow{+2} A$$

137. (1) FGH ; H $\xrightarrow{+2}$ J

$$JKL ; L \xrightarrow{+2} N$$

$$NOP ; P \xrightarrow{+2} R$$

$$RS \xrightarrow{+2} T$$

138. (4)

$$B \xrightarrow{+4} F \xrightarrow{+4} J \xrightarrow{+4} N \xrightarrow{+4} R$$

$$D \xrightarrow{+4} H \xrightarrow{+4} L \xrightarrow{+4} P \xrightarrow{+4} T$$

139. (2)

$$N \xrightarrow{+1} O \xrightarrow{+1} P \xrightarrow{+1} Q \xrightarrow{+1} R \xrightarrow{+1} S$$

$$Z \xrightarrow{-1} Y \xrightarrow{-1} X \xrightarrow{-1} W \xrightarrow{-1} V \xrightarrow{-1} U$$

140. (2)

$$F \xrightarrow{+6} L \xrightarrow{+5} Q \xrightarrow{+4} U$$

$$U \xrightarrow{+3} X \xrightarrow{+2} Z$$

141. (2)

$$A \xrightarrow{+4} E \xrightarrow{+4} I \xrightarrow{+4} M \xrightarrow{+4} Q$$

145. (3)

$$T \xrightarrow{-3} Q \xrightarrow{-3} N \xrightarrow{-3} K \xrightarrow{-3} H \xrightarrow{-3} E \xrightarrow{-3} B$$

$$B \xrightarrow{-3} Y \xrightarrow{-3} V \xrightarrow{-3} S \xrightarrow{-3} P \xrightarrow{-3} M \xrightarrow{-3} J \xrightarrow{-3} G$$

146. (2)

$$E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} K$$

$$F \xrightarrow{+2} H \xrightarrow{+2} J \xrightarrow{+2} L$$

$$A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} G$$

147. (4)

$$N \xrightarrow{-1} M \xrightarrow{+5} R \xrightarrow{-9} I \xrightarrow{+13} V$$

$$P \xrightarrow{-5} K \xrightarrow{+9} T \xrightarrow{-13} G \xrightarrow{+17} X$$

148. (2)

$$A \xrightarrow{+8} I \xrightarrow{+8} Q$$

$$B \xrightarrow{+8} J \xrightarrow{+8} R$$

$$E \xrightarrow{+8} M \xrightarrow{+8} U$$

$$F \xrightarrow{+8} N \xrightarrow{+8} V$$

149. (4)

$$E \xrightarrow{+1} F \xrightarrow{+1} G \xrightarrow{+1} H \xrightarrow{+1} I$$

$$J \xrightarrow{+1} K \xrightarrow{+1} L \xrightarrow{+1} M \xrightarrow{+1} N$$

$$O \xrightarrow{+1} P \xrightarrow{+1} Q \xrightarrow{+1} R \xrightarrow{+1} S$$

142. (2)

$$a \xrightarrow{+1} b \xrightarrow{+1} c$$

$$d \xrightarrow{+1} e \xrightarrow{+1} f$$

$$c \xrightarrow{+1} d \xrightarrow{+1} e$$

$$e \xrightarrow{+1} f \xrightarrow{+1} g$$

143. (3)

$$Y Z$$

$$V Y Z$$

$$-3 \downarrow$$

$$S Y Z$$

$$-3 \downarrow$$

$$P Y Z$$

$$-3 \downarrow$$

$$M Y Z$$

144. (4)

$$A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2}$$

$$Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} T \xrightarrow{-2}$$

$$\begin{matrix} I \\ R \end{matrix} \xrightarrow{+2} K \xrightarrow{+2} M$$

$$\begin{matrix} I \\ R \end{matrix} \xrightarrow{-2} P \xrightarrow{-2} N$$

150. (1)

$$B \xrightarrow{+1} C \xrightarrow{+1} D \xrightarrow{+1} E \xrightarrow{+1} F$$

$$O \xrightarrow{-1} N \xrightarrow{-1} M \xrightarrow{-1} L$$

? = LF

151. (3)

$$B \xrightarrow{+3} E \xrightarrow{+3} H$$

$$D \xrightarrow{+3} G \xrightarrow{+3} J$$

$$N \xrightarrow{+3} Q \xrightarrow{+3} T$$

$$J \xrightarrow{+3} M \xrightarrow{+3} P$$

152. (1)

$$d \xrightarrow{+5} i \xrightarrow{+5} n \xrightarrow{+5} s \xrightarrow{+5} x$$

$$e \xrightarrow{+5} j \xrightarrow{+5} o \xrightarrow{+5} t \xrightarrow{+5} y$$

$$b \xrightarrow{+5} g \xrightarrow{+5} l \xrightarrow{+5} q \xrightarrow{+5} v$$

153. (2) bc \rightarrow cde \rightarrow de \rightarrow efg \rightarrow fg \rightarrow ghi

154. (3)

$$A \xrightarrow{+5} F \xrightarrow{+3} I$$

$$J \xrightarrow{+5} O \xrightarrow{+3} R$$

$$M \xrightarrow{+5} R \xrightarrow{+3} U$$

Similarly, H $\xrightarrow{+5}$ M $\xrightarrow{+3}$ P

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155. (1)

$$\begin{array}{l} K \xrightarrow{+4} O \xrightarrow{+4} S \xrightarrow{+4} \boxed{W} \\ J \xrightarrow{+4} N \xrightarrow{+4} R \xrightarrow{+4} \boxed{V} \\ L \xrightarrow{+4} P \xrightarrow{+4} T \xrightarrow{+4} \boxed{X} \end{array}$$

156. (2)

$$\begin{array}{l} A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} D \xrightarrow{+1} \boxed{E} \\ N \xrightarrow{+1} O \xrightarrow{+1} P \xrightarrow{+1} Q \xrightarrow{+1} \boxed{R} \end{array}$$

157. (4)

$$\begin{array}{l} C \xrightarrow{+4} G \xrightarrow{+4} K \xrightarrow{+4} \boxed{O} \\ Z \xrightarrow{-1} Y \xrightarrow{-1} X \xrightarrow{-1} \boxed{W} \\ A \xrightarrow{+4} E \xrightarrow{+4} I \xrightarrow{+4} \boxed{M} \end{array}$$

158. (1)

$$\begin{array}{l} A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} \boxed{D} \\ A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} \boxed{D} \\ T \xrightarrow{-15} E \xrightarrow{+11} P \xrightarrow{-15} \boxed{A} \end{array}$$

159. (4)

$$X \xrightarrow{-7} Q \xrightarrow{-6} K \xrightarrow{-5} F \xrightarrow{-4} \boxed{B}$$

160. (4)

$$\begin{array}{l} B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} \boxed{H} \\ E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} \boxed{K} \\ A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} \boxed{G} \\ G \xrightarrow{+2} I \xrightarrow{+2} K \xrightarrow{+2} \boxed{M} \end{array}$$

161. (1)

$$N \xrightarrow{+2} P \xrightarrow{+2} R \xrightarrow{+2} \boxed{T}$$

162. (4)

$$\begin{array}{l} E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} \boxed{K} \xrightarrow{+2} M \\ L \xrightarrow{+2} L \xrightarrow{+2} L \xrightarrow{+2} \boxed{L} \xrightarrow{+2} L \\ F \xrightarrow{+2} H \xrightarrow{+2} J \xrightarrow{+2} \boxed{L} \xrightarrow{+2} N \\ A \xrightarrow{+2} A \xrightarrow{+2} A \xrightarrow{+2} \boxed{A} \xrightarrow{+2} A \end{array}$$

163. (1) FGH ; H $\xrightarrow{+2}$ J

$$JKL ; L \xrightarrow{+2} N$$

$$NOP ; P \xrightarrow{+2} R$$

$$RS \boxed{T}$$

164. (3)

$$\begin{array}{l} B \xrightarrow{+5} G \xrightarrow{+5} L \xrightarrow{+5} \boxed{Q} \\ C \xrightarrow{+5} H \xrightarrow{+5} M \xrightarrow{+5} \boxed{R} \end{array}$$

165. (3)

$$\begin{array}{l} A \xrightarrow{+5} F \xrightarrow{+5} K \xrightarrow{+5} P \xrightarrow{+5} U \\ C \xrightarrow{+5} H \xrightarrow{+5} M \xrightarrow{+5} R \xrightarrow{+5} W \end{array}$$

166. (3)

$$\begin{array}{l} A \xrightarrow{+5} F \xrightarrow{+5} K \xrightarrow{+5} P \xrightarrow{+5} \boxed{U} \\ C \xrightarrow{+5} H \xrightarrow{+5} M \xrightarrow{+5} R \xrightarrow{+5} \boxed{W} \end{array}$$

167. (3)

$$\begin{array}{l} M \xrightarrow{+1} N \xrightarrow{+2} P \xrightarrow{+1} Q \\ E \xrightarrow{+4} I \xrightarrow{+6} O \xrightarrow{+6} U \end{array}$$

There are two alternating series.
One series consists of successive vowels.

168. (1) In each subsequent term, the number of letters is increasing by one and successive letters are given. Again, the first letter is deleted in the next term.

$$\begin{array}{l} LMN \\ \downarrow \\ MNOP \\ \downarrow \\ NOPQR \\ \downarrow \\ OPQRST \end{array}$$

169. (2)

$$\begin{array}{l} A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} \boxed{D} \\ C \xrightarrow{+1} D \xrightarrow{+1} E \xrightarrow{+1} \boxed{F} \\ E \xrightarrow{+1} F \xrightarrow{+1} G \xrightarrow{+1} \boxed{H} \end{array}$$

170. (2) There are two alternating series :

$$\begin{array}{l} ABC \quad DEF \quad GHI \\ PQR \quad STU \end{array}$$

171. (1) FAG \rightarrow GAF

$$HAI \rightarrow IAH$$

$$\text{So, ?} = JAK$$

172. (3)

$$\begin{array}{l} B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} H \xrightarrow{+2} \boxed{J} \\ C \xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} \boxed{K} \\ B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} H \xrightarrow{+2} \boxed{J} \end{array}$$

$$\begin{array}{l} 173. (4) M \xrightarrow{+2} O \xrightarrow{+2} Q \xrightarrow{+2} \boxed{S} \\ N \xrightarrow{+2} P \xrightarrow{+2} R \xrightarrow{+2} \boxed{T} \\ B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} \boxed{H} \\ A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} \boxed{G} \end{array}$$

174. (3)

$$\begin{array}{l} A \xrightarrow{+3} D \xrightarrow{+3} G \xrightarrow{+3} J \\ Y \xrightarrow{-3} V \xrightarrow{-3} S \xrightarrow{-3} P \\ K \xrightarrow{+3} N \xrightarrow{+3} Q \xrightarrow{+3} T \end{array}$$

Similarly,

$$O \xrightarrow{-3} L \xrightarrow{-3} I \xrightarrow{-3} F$$

$$\begin{array}{l} 175. (4) B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} \boxed{H} \\ M \xrightarrow{+1} N \xrightarrow{+1} O \xrightarrow{+1} \boxed{P} \\ X \xrightarrow{-1} W \xrightarrow{-2} U \xrightarrow{-1} \boxed{T} \end{array}$$

$$\begin{array}{l} 176. (2) D \xrightarrow{+3} G \xrightarrow{+3} J \xrightarrow{+3} \boxed{M} \\ H \xrightarrow{+3} K \xrightarrow{+3} N \xrightarrow{+3} \boxed{Q} \\ K \xrightarrow{+3} N \xrightarrow{+3} Q \xrightarrow{+3} \boxed{T} \end{array}$$

177. (2)

$$\begin{array}{l} T \xrightarrow{-3} Q \xrightarrow{-3} N \xrightarrow{-3} K \xrightarrow{-3} \boxed{H} \\ M \xrightarrow{+1} N \xrightarrow{+1} O \xrightarrow{+1} P \xrightarrow{+1} \boxed{Q} \\ J \xrightarrow{+2} L \xrightarrow{+2} N \xrightarrow{+2} P \xrightarrow{+2} \boxed{R} \end{array}$$

178. (4)

$$\begin{array}{l} A \xrightarrow{+2} C \rightarrow CD \\ D \xrightarrow{+3} G \rightarrow GHI \\ I \xrightarrow{+4} M \rightarrow MNOP \\ P \xrightarrow{+5} U \rightarrow UVWXYZ \end{array}$$

179. (2)

$$\begin{array}{l} E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} \boxed{K} \xrightarrow{+2} M \\ L \xrightarrow{+2} L \xrightarrow{+2} L \xrightarrow{+2} \boxed{L} \xrightarrow{+2} L \\ F \xrightarrow{+2} H \xrightarrow{+2} J \xrightarrow{+2} \boxed{L} \xrightarrow{+2} N \\ A \rightarrow A \rightarrow A \rightarrow \boxed{A} \rightarrow A \end{array}$$

180. (4)

$$Z \xrightarrow{-5} U \xrightarrow{-4} Q \xrightarrow{-3} \boxed{N} \xrightarrow{-2} L$$

181. (3)

$$\begin{array}{l} A \xrightarrow{+4} E \xrightarrow{+5} J \xrightarrow{+6} P \xrightarrow{+7} \boxed{W} \\ D \xrightarrow{+5} I \xrightarrow{+5} N \xrightarrow{+5} S \xrightarrow{+5} \boxed{X} \end{array}$$

182. (3)

$$\begin{array}{l} P \xrightarrow{+2} R \xrightarrow{+2} T \xrightarrow{+2} V \xrightarrow{+2} \boxed{X} \\ O \xrightarrow{+2} Q \xrightarrow{+2} S \xrightarrow{+2} U \xrightarrow{+2} \boxed{W} \\ N \xrightarrow{+2} P \xrightarrow{+2} R \xrightarrow{+2} T \xrightarrow{+2} \boxed{V} \end{array}$$

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183. (4) $a \xrightarrow{+2} c \xrightarrow{+2} e \xrightarrow{+2} \boxed{g}$
 $r \xrightarrow{+1} s \xrightarrow{+1} t \xrightarrow{+1} \boxed{u}$

184. (1) CBA → ABC
 Reverse order
 ABCD → DCBA
 ABCDE → EDCBA

185. (3)
 $C \xrightarrow{+4} G \xrightarrow{+4} K \xrightarrow{+4} O \xrightarrow{+4} \boxed{S}$
 $E \xrightarrow{+4} I \xrightarrow{+4} M \xrightarrow{+4} Q \xrightarrow{+4} \boxed{U}$

186. (1)
 $R \xrightarrow{-3} O \xrightarrow{-3} L \xrightarrow{-3} I \xrightarrow{-3} F \xrightarrow{-3} \boxed{C}$

187. (3)
 $I \xrightarrow{+1} J \xrightarrow{+1} K \xrightarrow{+1} L \xrightarrow{+1} \boxed{M}$
 $C \xrightarrow{+1} D \xrightarrow{+1} E \xrightarrow{+1} F \xrightarrow{+1} \boxed{G}$
 $E \xrightarrow{+1} F \xrightarrow{+1} G \xrightarrow{+1} H \xrightarrow{+1} \boxed{I}$

188. (3) $E \xrightarrow{+8} M \xrightarrow{+4} Q \xrightarrow{+4} \boxed{U}$
 $F \xrightarrow{+8} N \xrightarrow{+4} R \xrightarrow{+4} \boxed{V}$
 $G \xrightarrow{+8} O \xrightarrow{+4} S \xrightarrow{+4} \boxed{W}$
 $H \xrightarrow{+8} P \xrightarrow{+4} T \xrightarrow{+4} \boxed{X}$

189. (2) $B \xrightarrow{+5} G \xrightarrow{+5} L \xrightarrow{+5} \boxed{Q} \xrightarrow{+5} V$
 $Y \xrightarrow{-5} T \xrightarrow{-5} O \xrightarrow{-5} \boxed{J} \xrightarrow{-5} E$

190. (3) $A \xrightarrow{+2} C \xrightarrow{+2} E$
 $B \xrightarrow{+2} D \xrightarrow{+2} F$
 $G \xrightarrow{+2} I \xrightarrow{+2} K$
 $H \xrightarrow{+2} J \xrightarrow{+2} L$

191. (4)

KK	M
LL	N
MM	O
NN	P
OO	Q
PP	R

192. (3) $A \xrightarrow{+2} C \xrightarrow{+3} F \xrightarrow{+4} \boxed{J}$
 $Z \xrightarrow{-2} X \xrightarrow{-3} U \xrightarrow{-4} \boxed{Q}$

193. (2) ZYX → WV → U
 ABC → DE → F

194. (4) BC → DE → FG → HI
 ZY → WV → UT

195. (2) $A \xrightarrow{+6} G \xrightarrow{+6} \boxed{M}$
 $D \xrightarrow{+6} J \xrightarrow{+6} \boxed{P}$
 $G \xrightarrow{+6} M \xrightarrow{+6} \boxed{S}$

196. (3) $A \xrightarrow{+2} C \xrightarrow{+3} F \xrightarrow{+5} K \xrightarrow{+7} \boxed{R}$

197. (2) $K \xrightarrow{-3} H \xrightarrow{-3} E$
 $B \xrightarrow{-3} Y \xrightarrow{-3} V$
 $S \xrightarrow{-3} P \xrightarrow{-3} M$

198. (1) $F \xrightarrow{+3} I \xrightarrow{+3} L \xrightarrow{+3} \boxed{O}$
 $A \xrightarrow{+4} E \xrightarrow{+4} I \xrightarrow{+4} \boxed{M}$
 $K \xrightarrow{+2} M \xrightarrow{+2} O \xrightarrow{+2} \boxed{Q}$

199. (3) $A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} \boxed{G}$
 $Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} \boxed{T}$
 $B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} \boxed{H}$
 $Y \xrightarrow{-2} W \xrightarrow{-2} U \xrightarrow{-2} \boxed{S}$

200. (2) $B \xrightarrow{+2} D \xrightarrow{+1} E \xrightarrow{+2} \boxed{G} \xrightarrow{+1} H$
 $C \xrightarrow{-1} B \xrightarrow{+4} F \xrightarrow{-1} \boxed{E} \xrightarrow{+4} I$
 $D \xrightarrow{-1} C \xrightarrow{+4} G \xrightarrow{-1} \boxed{F} \xrightarrow{+4} J$

201. (1) A → B → C → D → E → F → G
 Z → Y → X → W → V → U → \boxed{T}

202. (3) $E \xrightarrow{+1} F$
 $Z \xrightarrow{-1} Y$
 $X \xrightarrow{-1} \boxed{W}$
 $G \xrightarrow{+1} \boxed{H}$

203. (1) $O \xrightarrow{+1} P \xrightarrow{+1} Q \xrightarrow{+1} R \xrightarrow{+1} \boxed{S}$
 $T \xrightarrow{+1} U \xrightarrow{+1} V \xrightarrow{+1} W \xrightarrow{+1} \boxed{X}$
 $E \xrightarrow{+1} F \xrightarrow{+1} G \xrightarrow{+1} H \xrightarrow{+1} \boxed{I}$

204. (2) $A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} \boxed{D}$
 $F \xrightarrow{+1} G \xrightarrow{+1} H \xrightarrow{+1} \boxed{I}$
 $K \xrightarrow{+1} L \xrightarrow{+1} M \xrightarrow{+1} \boxed{N}$
 $P \xrightarrow{+1} Q \xrightarrow{+1} R \xrightarrow{+1} \boxed{S}$
 $U \xrightarrow{+1} V \xrightarrow{+1} W \xrightarrow{+1} \boxed{X}$

205. (2) $A \xrightarrow{+2} C \xrightarrow{+3} F \xrightarrow{+4} \boxed{J}$
 $Z \xrightarrow{-2} X \xrightarrow{-3} U \xrightarrow{-4} \boxed{Q}$

206. (1) $Y \xrightarrow{-5} T \xrightarrow{-4} P \xrightarrow{-3} \boxed{M} \xrightarrow{-2} K$

207. (3) $T \xrightarrow{-2} R \xrightarrow{-2} P \xrightarrow{-2} N \xrightarrow{-2} \boxed{L}$

208. (1) $Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} T \xrightarrow{-2} R \xrightarrow{-2} \boxed{P} \xrightarrow{-2} N$

209. (4) $A \xrightarrow{+3} D \xrightarrow{+4} H \xrightarrow{+5} M;$
 $M \xrightarrow{+6} S \xrightarrow{+7} \boxed{Z}$

210. (4) $A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} K \xrightarrow{+2} \boxed{M}$

$Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} T \xrightarrow{-2} R \xrightarrow{-2} P$

211. (4) $A \xrightarrow{+4} E \xrightarrow{+4} I \xrightarrow{+4} \boxed{M}$
 $C \xrightarrow{+4} G \xrightarrow{+4} K \xrightarrow{+4} \boxed{O}$

212. (4) $H \xrightarrow{+1} I \xrightarrow{+1} J$
 $P \xrightarrow{+1} Q \xrightarrow{+1} R$
 $D \xrightarrow{+1} E \xrightarrow{+1} F$
 $U \xrightarrow{+1} V \xrightarrow{+1} W$

213. (1) $A \xrightarrow{+6} G \xrightarrow{+6} M \xrightarrow{+6} \boxed{S}$
 $C \xrightarrow{+6} I \xrightarrow{+6} O \xrightarrow{+6} \boxed{U}$
 $E \xrightarrow{+6} K \xrightarrow{+6} Q \xrightarrow{+6} \boxed{W}$

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214. (3)

$$\begin{array}{l} L \xrightarrow{+4} P \xrightarrow{+4} T \xrightarrow{+4} X \\ M \xrightarrow{+4} Q \xrightarrow{+4} U \xrightarrow{+4} Y \\ n \xrightarrow{+6} r \xrightarrow{+4} v \xrightarrow{+4} z \\ P \xrightarrow{+4} T \xrightarrow{+4} X \xrightarrow{+4} B \end{array}$$

215. (3)

$$\begin{array}{l} I \xrightarrow{+1} J \xrightarrow{+1} K \xrightarrow{+1} L \xrightarrow{+1} M \xrightarrow{+1} N \\ G \xrightarrow{+1} H \xrightarrow{+1} I \xrightarrow{+1} J \xrightarrow{+1} K \xrightarrow{+1} L \\ T \xrightarrow{-1} S \xrightarrow{-1} R \xrightarrow{-1} Q \xrightarrow{-1} P \xrightarrow{+1} O \end{array}$$

216. (3)

$$\begin{array}{l} X \xrightarrow{-3} U \xrightarrow{-3} R \xrightarrow{-3} O \xrightarrow{-3} L \\ F \xrightarrow{+1} G \xrightarrow{+2} I \xrightarrow{+3} L \xrightarrow{+4} P \\ B \xrightarrow{+2} D \xrightarrow{+3} G \xrightarrow{+4} K \xrightarrow{+5} P \end{array}$$

217. (4) There are two alternating series :

$$\begin{array}{l} L \xrightarrow{+1} M \xrightarrow{+1} N \xrightarrow{+1} O \\ C \xrightarrow{-1} B \xrightarrow{-1} A \xrightarrow{-1} Z \end{array}$$

218. (4)

$$\begin{array}{l} A \xrightarrow{-1} Z \xrightarrow{-1} B \xrightarrow{-1} Y \xrightarrow{-1} C \xrightarrow{-1} X \\ A \xrightarrow{+1} Z \xrightarrow{+1} B \xrightarrow{+1} Y \xrightarrow{+1} C \xrightarrow{+1} X \end{array}$$

219. (1)

$$\begin{array}{l} C \xrightarrow{+1} D \xrightarrow{+1} E \xrightarrow{+1} F \\ U \xrightarrow{+1} V \xrightarrow{+1} W \xrightarrow{+1} X \\ S \xrightarrow{+1} T \xrightarrow{+1} U \xrightarrow{+1} V \end{array}$$

220. (1)

$$\begin{array}{l} D \xrightarrow{+4} H \xrightarrow{+4} L \xrightarrow{+4} P \\ C \xrightarrow{+4} G \xrightarrow{+4} K \xrightarrow{+4} O \\ B \xrightarrow{+4} F \xrightarrow{+4} J \xrightarrow{+4} N \end{array}$$

221. (2)

$$\begin{array}{l} Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} T \\ b \xrightarrow{+2} d \xrightarrow{+2} f \xrightarrow{+2} h \\ Y \xrightarrow{-2} W \xrightarrow{-2} U \xrightarrow{-2} S \\ a \xrightarrow{+2} c \xrightarrow{+2} e \xrightarrow{+2} g \end{array}$$

222. (4)

$$\begin{array}{l} A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} D \xrightarrow{+1} E \\ C \xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} K \\ F \xrightarrow{+3} I \xrightarrow{+3} L \xrightarrow{+3} O \xrightarrow{+3} R \end{array}$$

223. (3)

$$A \xrightarrow{+4} E \xrightarrow{+4} I \xrightarrow{+4} O \xrightarrow{+4} U$$

224. (2)

$$\begin{array}{l} A \xrightarrow{+4} E \xrightarrow{+4} I \xrightarrow{+4} M \\ D \xrightarrow{+4} H \xrightarrow{+4} L \xrightarrow{+4} P \\ C \xrightarrow{+4} G \xrightarrow{+4} K \xrightarrow{+4} O \end{array}$$

225. (2)

$$\begin{array}{l} B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} H \xrightarrow{+2} J \\ E \xrightarrow{+3} H \xrightarrow{+3} K \xrightarrow{+3} N \xrightarrow{+3} Q \end{array}$$

226. (4) $E \xrightarrow{+5} J \xrightarrow{+5} O$

$$\begin{array}{l} D \xrightarrow{+4} H \xrightarrow{+4} L \\ C \xrightarrow{+3} F \xrightarrow{+3} I \\ B \xrightarrow{+2} D \xrightarrow{+2} F \end{array}$$

227. (2)

$$\begin{array}{l} J \xrightarrow{+2} L \xrightarrow{+2} N \xrightarrow{+2} P \xrightarrow{+2} R \\ A \xrightarrow{+4} E \xrightarrow{+4} I \xrightarrow{+4} M \xrightarrow{+4} Q \\ Z \xrightarrow{-2} X \xrightarrow{-2} V \xrightarrow{-2} T \xrightarrow{-2} R \end{array}$$

228. (1)

$$\begin{array}{l} G \xrightarrow{-7} Z \xrightarrow{-7} S \xrightarrow{-7} L \\ E \xrightarrow{-7} X \xrightarrow{-7} Q \xrightarrow{-7} J \\ F \xrightarrow{-7} Y \xrightarrow{-7} R \xrightarrow{-7} K \\ H \xrightarrow{-7} A \xrightarrow{-7} T \xrightarrow{-7} M \end{array}$$

229. (3)

$$\begin{array}{l} B \xrightarrow{+9} K \xrightarrow{+10} U \xrightarrow{+11} F \\ F \xrightarrow{+9} O \xrightarrow{+10} Y \xrightarrow{+11} J \\ K \xrightarrow{+9} T \xrightarrow{+10} D \xrightarrow{+11} O \end{array}$$

230. (1)

$$\begin{array}{l} E \xrightarrow{+6} K \xrightarrow{+6} Q \xrightarrow{+6} W \\ D \xrightarrow{+6} J \xrightarrow{+6} P \xrightarrow{+6} V \\ B \xrightarrow{+6} H \xrightarrow{+6} N \xrightarrow{+6} T \\ A \xrightarrow{+6} G \xrightarrow{+6} M \xrightarrow{+6} S \end{array}$$

231. (3)

$$\begin{array}{l} N \xrightarrow{+3} Q \xrightarrow{+3} T \xrightarrow{+3} W \\ O \xrightarrow{+3} R \xrightarrow{+3} U \xrightarrow{+3} X \\ M \xrightarrow{+3} P \xrightarrow{+3} S \xrightarrow{+3} V \end{array}$$

232. (2)

$$\begin{array}{l} D \xrightarrow{+3} G \xrightarrow{+4} K \xrightarrow{+3} N \xrightarrow{+4} R \xrightarrow{+3} U \\ F \xrightarrow{+4} J \xrightarrow{+3} M \xrightarrow{+4} Q \xrightarrow{+3} T \xrightarrow{+4} X \end{array}$$

233. (1)

$$\begin{array}{l} A \xrightarrow{+2} E \xrightarrow{+2} N \xrightarrow{+2} C \xrightarrow{+2} G \xrightarrow{+2} P \\ M \xrightarrow{+2} Q \xrightarrow{+2} Z \xrightarrow{+2} O \xrightarrow{+2} S \xrightarrow{+2} B \end{array}$$

234. (3)

$$\begin{array}{l} S \xrightarrow{+1} T \xrightarrow{+1} U \xrightarrow{+1} V \xrightarrow{+1} W \\ C \xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2} I \xrightarrow{+2} K \\ D \xrightarrow{+2} F \xrightarrow{+2} H \xrightarrow{+2} J \xrightarrow{+2} L \end{array}$$

235. (4)

$$\begin{array}{l} P \xrightarrow{-1} O \xrightarrow{-1} N \xrightarrow{-1} M \xrightarrow{-1} L \\ M \xrightarrow{+2} O \xrightarrow{+2} Q \xrightarrow{+2} S \xrightarrow{+2} U \\ T \xrightarrow{-1} S \xrightarrow{-1} R \xrightarrow{-1} Q \xrightarrow{-1} P \end{array}$$

236. (2)

$$\begin{array}{l} C \xrightarrow{+4} G \xrightarrow{+4} K \xrightarrow{+4} O \xrightarrow{+4} S \\ A \xrightarrow{+2} C \xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2} I \\ R \xrightarrow{-3} O \xrightarrow{-3} L \xrightarrow{-3} I \xrightarrow{-3} F \end{array}$$

237. (1)

$$\begin{array}{l} N \xrightarrow{+2} P \xrightarrow{+2} R \xrightarrow{+2} T \\ O \xrightarrow{+2} Q \xrightarrow{+2} S \xrightarrow{+2} U \\ A \xrightarrow{+1} B \xrightarrow{+1} C \xrightarrow{+1} D \end{array}$$

238. (3)

$$\begin{array}{l} C \xrightarrow{+3} F \xrightarrow{+3} I \xrightarrow{+3} L \xrightarrow{+3} O \\ B \xrightarrow{+3} E \xrightarrow{+3} H \xrightarrow{+3} K \xrightarrow{+3} N \\ A \xrightarrow{+3} D \xrightarrow{+3} G \xrightarrow{+3} J \xrightarrow{+3} M \end{array}$$

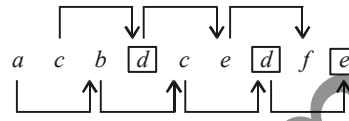
239. (2)

$$\begin{array}{l} W \xrightarrow{-3} T \xrightarrow{-3} Q \xrightarrow{-3} N \\ F \xrightarrow{+1} G \xrightarrow{+1} H \xrightarrow{+1} I \\ B \xrightarrow{+2} D \xrightarrow{+3} G \xrightarrow{+4} K \end{array}$$

240. (1)

$$B \xrightarrow{+4} F \xrightarrow{+5} K \xrightarrow{+6} Q \xrightarrow{+7} X$$

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6. (1)
H I J H / H I J H / H I J H / H I J H
7. (1) ZY x W / W X YZ /
Z Y x W / W x Y Z
8. (4) a b ba / a bb a / ab b a
9. (1) a b n c b / a b n c b /
a b n c b
10. (3) b aa b / ba a b / b a ab /
b aab
11. (2) m a n / m a n / m a n /
m a n / m a n
Therefore, ? = aammnn
12. (3) m bb / m a a / m b b / m a
a / m bb
13. (2) l m n n m l / l m n n m l
14. (3) a b a / ab a / a b a /
a ba
15. (1) The pattern n n m m is repeated.
n n m m / n n m m / n n
m m / n n m m
16. (4)
m op n / mo p n / m o
pn / mop n
17. (3) The pattern aba is repeated.
a b a / a b a / a b a /
a b a
18. (4) ab a a / a b aa / a b a
a / ab a a
19. (1) Here the letter series is as follows-
acb bca aab baa aab baa
20. (3) Here the letter series is as follows-
ncd dcn ccd dcn ndd dcn ndd
21. (4) a b a b c / bc bc a /
caca b
22. (1) The pattern rose is repeated.
r o se r os e ro s er o se
23. (1)
aba c baca / a ba c
baca / abac b aca
24. (2) In each subsequent term the last letter becomes the first letter.
25. (1) ca b / bd c / ec d / fd e / ge
26. (1)

27. (3) t w i n / t w i n /
t w in / t wi n
28. (2) Q S T R / Q S T R / Q
S TR / Q STR
29. (2) a b b n / a bb n / a
bb n / abbn
30. (1) a a b a / aaba / a a
ba / a ab a
31. (4)
h f eg / h feg / h f eg / h fe g
32. (4)
a c d / b d e / c e f / d f g / e g h
33. (2)
aebd c / f j g i h / ko l n m
34. (2) ac a c / ab a b / a c a c /
aba b / a c a c
35. (4) a a b a b / a a b a
b / a a b a b
36. (3) b c b / a c a / b c b / a c
a / b cb / a c a / b
37. (2)
an a / nn a / ana / n na / a na / n na
38. (1)
a b b a a / a bb b a a / a b b b a a
39. (2) a b ba / a bb a / ab ba
40. (3) r t sr / r tsr / rt sr / r t sr
41. (2) m n o m / m n o m /
m n o m / m n o m
42. (3) Q P S R / Q P S R /
Q P S R / Q P S R
43. (3) a a baa c / aaba a c / a a b
44. (3) O R U X / O R U X / O
R U X / O R U X
∴ ? = XR UO
45. (4) M ONP / M O NP / M O N P /
MON P
Therefore, ? = MONP
46. (1) ab c / abc / a bc / a bc / a b c
47. (2) a a a b / a a b c / a a c
d / a a d e
Therefore, ? = a a a d a
48. (1)
a abb / aa c c / a ad d / aac e
49. (4) bab b / b a b b / b
abb
50. (3) wxuw pattern is repeated.
w x uw / w x u w / w x u
w / w x u w
51. (1) r t u s / r t u s / r t u s / r t u s
52. (1) cab d / c a bd / ca b d /
c abd
53. (1)
m p pl / m pp l / mp p l / mpp l
54. (3)
a a c b b / a a c b b / a a c b b
55. (3)
W a x / w a x / w a x / w a x / w a x
56. (3)
a b / aa bb / a a a b b / a
57. (2)
a b b b ba / a b b b ba
58. (3)
a b b a / a b b a / a b b a

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59. (3) bca \boxed{a} / b \boxed{c} aa / bc \boxed{a} a / \boxed{b} caa
60. (3) c \boxed{a} bba \boxed{c} / cab \boxed{b} ac / \boxed{c} ab \boxed{b} ac
61. (3) a \boxed{x} y z / \boxed{a} x y \boxed{z} / a x \boxed{y} z / a x \boxed{y} z
62. (3) d \boxed{m} n n / \boxed{dm} nn / dm \boxed{n} n
63. (1) L \boxed{M} N O / O \boxed{N} M L / \boxed{L} M N O / O \boxed{N} M L
64. (1) KLM \boxed{N} / KL \boxed{M} N / K \boxed{L} MN / \boxed{K} LMN
65. (4) \boxed{Y} X X \boxed{Y} / Y \boxed{X} X Y / Y X \boxed{X} Y
66. (1) a \boxed{b} c d d / \boxed{a} b c d \boxed{d} / a b c \boxed{d} d / a b \boxed{c}
67. (2) \boxed{c} b b \boxed{g} / c \boxed{b} b g / \boxed{c} b \boxed{b} g
68. (3) a \boxed{a} b c / a a \boxed{a} c / a a \boxed{bc}
69. (1) a \boxed{b} ba / a bb \boxed{a} / a b \boxed{b} a
70. (3) \boxed{an} d / a n \boxed{d} / \boxed{a} n d / a n \boxed{d} / and / \boxed{a}
71. (2) b \boxed{b} y t / \boxed{b} by t / b \boxed{b} yt
72. (4) m \boxed{a} n / m \boxed{a} n / \boxed{m} a n / \boxed{m} a n / m a \boxed{n}
73. (3) w w \boxed{w} / x \boxed{x} x / \boxed{y} y y / z z \boxed{z}
74. (4) g \boxed{hi} / g \boxed{hi} / gh \boxed{i} / g \boxed{h} i
75. (3) p \boxed{q} \boxed{r} / p \boxed{q} \boxed{r} / pqr / p \boxed{q} \boxed{r}
76. (2) \boxed{c} a / cca \boxed{a} / ccca \boxed{a} a / cccc \boxed{a} aaa
77. (4) b \boxed{a} t \boxed{d} a \boxed{d} / \boxed{d} a d \boxed{a} d / b a t \boxed{d} a d
78. (2) \boxed{f} fgg / \boxed{e} eg \boxed{g} / eeff / \boxed{e} ef \boxed{f} / gg
79. (4) E \boxed{F} G / F \boxed{G} E / \boxed{E} F G / F \boxed{G} E
80. (3) \boxed{a} bcc \boxed{b} a / abc \boxed{c} ba / ab \boxed{c}
81. (1) a \boxed{a} a b \boxed{b} b / a a \boxed{a} b b \boxed{b}
82. (2) m \boxed{m} l l / m \boxed{m} l l / mm \boxed{l} l
83. (1) a \boxed{c} b \boxed{c} c \boxed{b} / a \boxed{c} b c \boxed{c} b / \boxed{a} c b
84. (3) a \boxed{b} bb / a \boxed{b} bb / a \boxed{b} bb
85. (1) ab \boxed{c} b / abc \boxed{b} / ab \boxed{c} b / \boxed{a} bcb / \boxed{a} b
86. (2) b \boxed{d} f \boxed{g} \boxed{g} / b \boxed{d} f \boxed{g} \boxed{g}
87. (1) \boxed{b} a a b a b \boxed{b} a / b \boxed{a} a b \boxed{a} b b a
88. (*) a a \boxed{b} b a a \boxed{b} a / a a \boxed{b} b a \boxed{a} b a
89. (1) a \boxed{a} \boxed{b} b a b b a / \boxed{a} a b b a \boxed{b} ba
90. (1) AZB \boxed{Y} / AZ \boxed{B} Y / A \boxed{Z} BY / \boxed{A} ZBY
91. (2) \boxed{a} b c a b / \boxed{b} c a b c / \boxed{c} a b c a / \boxed{a} b
92. (2) b \boxed{a} a / b \boxed{b} b / \boxed{b} a a / b \boxed{b} b
93. (4) \boxed{a} ab \boxed{b} / a \boxed{a} bb / a \boxed{a} bb / \boxed{a} a \boxed{b} b
94. (3) r \boxed{r} StU / r \boxed{r} StU / rr \boxed{r} StU / rr \boxed{r} StU
95. (3) r t x \boxed{y} s x \boxed{y} z / \boxed{r} t x y \boxed{s} \boxed{x} y z
96. (2) ab \boxed{a} n a / a b a \boxed{d} na / \boxed{a} badna / \boxed{a} badna
97. (2) a \boxed{c} c / a \boxed{a} c / a \boxed{c} c / a a \boxed{c}
98. (4) a \boxed{b} c / \boxed{c} b a / a b \boxed{c} / c b \boxed{a}
99. (2) R \boxed{K} S \boxed{B} P M / \boxed{R} K S B \boxed{P} M / R K \boxed{S}
100. (3) gfe \boxed{i} i / g \boxed{f} eii / \boxed{g} fei \boxed{i} / gf \boxed{e} ii
101. (2) aa \boxed{b} / a \boxed{a} b / \boxed{a} ab / aa \boxed{b}
102. (3) \boxed{a} c b \boxed{d} / c a \boxed{d} b / a c b \boxed{d} / c a \boxed{d} b / a c \boxed{b} d
103. (2) m \boxed{a} m / \boxed{m} am / \boxed{m} a m
104. (3) a \boxed{b} b / a \boxed{b} b / \boxed{a} b \boxed{b} / \boxed{b} / a \boxed{b} b
105. (3) \boxed{c} ab / \boxed{a} b \boxed{c} / bc \boxed{a} / c a \boxed{b}
106. (2) ac \boxed{b} c / \boxed{a} cb \boxed{c} / acbc / acbc / a \boxed{c} bc
107. (2) A $\xrightarrow{+2}$ C $\xrightarrow{+2}$ E $\xrightarrow{+2}$ G $\xrightarrow{+2}$ I
108. (4) ab \boxed{b} a / abb \boxed{a} / \boxed{a} bb \boxed{a}
109. (3) B \boxed{B} CCA / BB \boxed{C} CA / BBC \boxed{C} A / B \boxed{B} CCA
110. (1) LU \boxed{B} TUP / LUBTU \boxed{P} / LUBT \boxed{U} P / \boxed{L} UB TUP

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$$111. (2) b \boxed{b} c d \boxed{d} / d \boxed{d} b c c / \boxed{c} c d b \boxed{b}$$

$$112. (2) a b \boxed{c} d d / a \boxed{b} c c d / \boxed{a} b b \boxed{c} d / \boxed{a}$$

$$113. (2) a \boxed{b} \boxed{c} d / b a \boxed{c} \boxed{d} / b c a d / \boxed{b} \boxed{c} d a / \boxed{a} b c d$$

$$114. (2) c c b a / b \boxed{b} c a / a \boxed{a} b c / c c \boxed{b} a / \boxed{b}$$

$$115. (3) a d b \boxed{c} / a c \boxed{b} d / a \boxed{b} c d / d c b \boxed{a} / d b c \boxed{a} / c b d a$$

$$116. (3) a \boxed{a} b \boxed{c} c / a \boxed{a} b \boxed{c} c / \boxed{a} a \boxed{b} c c$$

$$117. (3) S H \boxed{E} E L A / S \boxed{H} E E L A / \boxed{S} H E E L A / S H E E \boxed{L} A$$

$$118. (1) \boxed{a} \boxed{b} a b a \boxed{b} / \boxed{a} b a \boxed{b} a b$$

$$119. (4) B R \boxed{O} W N / B \boxed{R} O \boxed{W} N / B Y \boxed{Z} X$$

$$120. (3) \boxed{y} z y / \boxed{x} z x / \boxed{z} y / x z x / \boxed{y} z y / \boxed{x} z x / y$$

$$121. (4) b \boxed{a} a c / \boxed{a} c c \boxed{b} / c b \boxed{b} a / b \boxed{a} a c$$

$$122. (3) \boxed{a} \boxed{b} b / a b b / b a \boxed{a} / a \boxed{b} \boxed{b}$$

$$123. (1) o o p q / o p \boxed{o} q / o o \boxed{p} q / o \boxed{p} o q / o \boxed{o} p q$$

$$124. (1) a \boxed{b} b a / a \boxed{b} b a / a \boxed{b} b a$$

$$125. (1) \boxed{m} b b m / \boxed{b} a m b / \boxed{a} m \boxed{b} a / \boxed{m} b b m$$

$$126. (2) \boxed{a} b c / c \boxed{b} a / a b c / \boxed{c} b a / a b \boxed{c}$$

$$127. (4) a b \boxed{c} / c b a / \boxed{a} b c / c \boxed{b} a / a b c / c b \boxed{a} / \boxed{a} b c / c b a$$

$$128. (2) a a c \boxed{c} / b b a \boxed{a} / c \boxed{b} b / a a \boxed{c} c / b \boxed{b}$$

$$129. (3) b b \boxed{c} / a a b / \boxed{b} c a / a b \boxed{b} / c a \boxed{a}$$

$$130. (2) \boxed{c} / c d / b \boxed{c} d / d b \boxed{c} d / b \boxed{b} c \boxed{c} d$$

$$131. (2) h t \boxed{t} m l / \boxed{h} t t \boxed{m} l / h t \boxed{t} m l / h t t \boxed{m} l$$

$$132. (1) P Q R \boxed{S} / P Q \boxed{R} S / P \boxed{Q} R S / \boxed{P} Q R S$$

$$133. (1) s \boxed{m} n x / \boxed{s} m n x / \boxed{s} m n \boxed{x} / s m \boxed{n} x$$

$$134. (3) X \boxed{Y} Z / Y \boxed{Z} X / \boxed{X} Y Z / Y \boxed{Z} X$$

$$135. (1) p p \boxed{q} \boxed{q} / q p \boxed{p} p / q q \boxed{q} p / q q \boxed{p} \boxed{q} / q q \boxed{p} q$$

$$136. (4) a \boxed{d} c / a \boxed{d} c / \boxed{a} d c / \boxed{a} d \boxed{c} / a d \boxed{c}$$

$$137. (4) \boxed{t} s r \boxed{s} t r / \boxed{t} s r s \boxed{t} r / \boxed{t} s r s t \boxed{r}$$

$$138. (1) H \boxed{I} J H / \boxed{H} I J H / H \boxed{I} J H / H \boxed{I} J H$$

$$139. (1) x y \boxed{z} k / x \boxed{y} z k / \boxed{x} y z k / x y z \boxed{k} / \boxed{x} y z k$$

$$140. (1) g f e \boxed{i} i / g \boxed{f} e i i / \boxed{g} f e i \boxed{i} / g f \boxed{e} i i$$

$$141. (2) \begin{array}{ccccccc} a & +6 & \rightarrow & g & +6 & \rightarrow & m & +6 & \rightarrow & s & +6 & \rightarrow & y \\ j & +6 & \rightarrow & p & +6 & \rightarrow & v & +6 & \rightarrow & b & +6 & \rightarrow & h \\ s & +6 & \rightarrow & y & +6 & \rightarrow & e & +6 & \rightarrow & k & +6 & \rightarrow & q \end{array}$$

$$142. (2) M \boxed{N} O M / M N \boxed{O} M / \boxed{M} N O M / M N \boxed{O} M$$

$$143. (3) \begin{array}{ccccccc} d & +2 & \rightarrow & f & +2 & \rightarrow & h & +2 & \rightarrow & j \\ e & +2 & \rightarrow & g & +2 & \rightarrow & i & +2 & \rightarrow & k \\ m & +2 & \rightarrow & o & +2 & \rightarrow & q & +2 & \rightarrow & s \end{array}$$

$$144. (3) J K \boxed{L} M / J \boxed{K} L M / \boxed{J} K L \boxed{M}$$

$$145. (3) C D \boxed{D} E / \boxed{C} D D \boxed{E} / C D \boxed{D} E$$

TYPE-IV

1. (2) Except the number 442, all other numbers are perfect squares.

$$169 = 13 \times 13; 289 = 17 \times 17$$

$$361 = 19 \times 19;$$

$$\boxed{442 = 21.023 \times 21.023}$$

$$484 = 22 \times 22; 729 = 27 \times 27$$

$$2. (1) 16 + 0 = 16$$

$$16 + (1)^2 = 17$$

$$17 + (2)^2 = 21$$

$$21 + (3)^2 = \boxed{30}$$

$$30 + (4)^2 = 46$$

$$46 + (5)^2 = 71$$

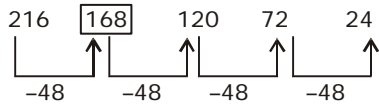
3. (1)

$$\begin{array}{ccccccccc} 5 & \boxed{24} & 61 & 122 & 213 & 340 & 509 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +19 & +37 & +61 & +91 & +127 & +169 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +18 & +24 & +30 & +36 & +42 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +6 & +6 & +6 & +6 & +6 \end{array}$$

Therefore, the number 27 is wrong in the series. It should be replaced with 24.

SERIES

4. (2)



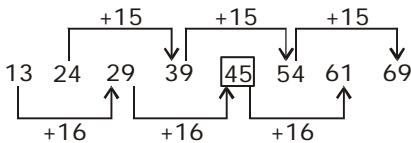
The number 163 is wrong in the series and it should be replaced with 168.

5. (3) $2 \xrightarrow{+1} 3 \xrightarrow{+1} 4 \xrightarrow{+1} 5$

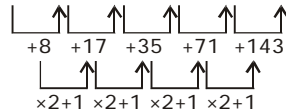
$8 = (2)^3$; $27 = (3)^3$; $64 = (4)^3$

The next term would be $(5)^3 = 125$

6. (3)



7. (2) 6, 14, 31, 66, 137, 280



Therefore, the number 64 is wrong in the series.

8. (3) $8 + 8 = 16$;

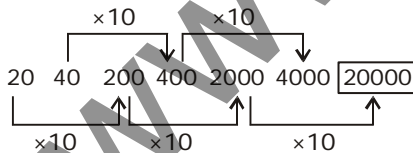
$16 + 8 = 24$;
 $24 + 16 = 40$;

$40 + 32 = 72$;

$72 + 32 = 104$;
 $104 + 64 = 168$

Therefore, the number 62 is wrong in the series.

9. (3)



Therefore, the number 8000 is wrong in the series.

10. (3) $\frac{6}{1} \frac{9}{5} \frac{8}{8}$

$89517 \frac{698}{2} 198 435913$

$\frac{695}{1}$

11. (3) $5 \times 2 + 1 = 11$

$11 \times 2 + 1 = 23$
 $23 \times 2 + 1 = 47$
 $47 \times 2 + 1 = 95$

Therefore, the number 96 is wrong in the series.

12. (1) Except 36, all others are perfect squares of odd numbers.

$25 = 5 \times 5$; $49 = 7 \times 7$;
 $81 = 9 \times 9$; $121 = 11 \times 11$
 $169 = 13 \times 13$;
 $225 = 15 \times 15$

But,
 $36 = 6 \times 6$

13. (1) $60 - 14 = 46$

$46 - 12 = 34$
 $34 - 10 = 24$
 $24 - 8 = 16$
 $16 - 6 = 10$

Therefore, the number 62 is wrong in the series.

14. (3) $102 - 1 = 101$

$101 - 3 = 98$
 $98 - 5 = 93$
 $93 - 7 = 86$

$86 - 9 = 77$

$77 - 11 = 66$
 $66 - 13 = 53$

TYPE-V

1. (4) Option (1)

$A \xrightarrow{+4} E \xrightarrow{+4} I \xrightarrow{+4} M \dots$

Option (2)

$E \xrightarrow{+3} H \xrightarrow{+3} K \xrightarrow{+3} N \dots$

Option (3)

$D \xrightarrow{+5} I \xrightarrow{+5} N \xrightarrow{+5} S \dots$

Option (4)

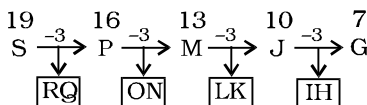
$F \xrightarrow{+2} H \xrightarrow{+3} K \xrightarrow{+4} \dots$

$O \xrightarrow{+5} T \xrightarrow{+6} Z \dots$

2. (1) Option (1)

$C \xrightarrow{+2} E \xrightarrow{+3} H \xrightarrow{+4} L \xrightarrow{+5} Q \xrightarrow{+6} W$

3. (1)



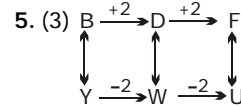
4. (2)

$A \xrightarrow{+2} C \xrightarrow{+3} F \xrightarrow{+4} J \xrightarrow{+4} N$

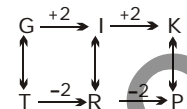
$A \xrightarrow{+2} C \xrightarrow{+3} F \xrightarrow{+4} J \xrightarrow{+5} O$

$A \xrightarrow{+3} D \xrightarrow{+2} F \xrightarrow{+4} J \xrightarrow{+5} O$

$A \xrightarrow{+2} C \xrightarrow{+3} F \xrightarrow{+5} K \xrightarrow{+4} O$



Similarly,



6. (2)

$D \xrightarrow{+6} J \xrightarrow{+5} O \xrightarrow{+5} T \xrightarrow{+2} V$

$D \xrightarrow{+6} J \xrightarrow{+5} O \xrightarrow{+4} S \xrightarrow{+3} V$

$D \xrightarrow{+6} J \xrightarrow{+5} O \xrightarrow{+4} S \xrightarrow{+4} W$

$D \xrightarrow{+5} I \xrightarrow{+6} O \xrightarrow{+4} S \xrightarrow{+2} U$

7. (4)

$X \xrightarrow{+6} D \xrightarrow{+5} I \xrightarrow{+7} P \xrightarrow{+6} V$

$X \xrightarrow{+6} D \xrightarrow{+7} K \xrightarrow{+5} P \xrightarrow{+6} V$

$X \xrightarrow{+6} D \xrightarrow{+6} J \xrightarrow{+5} O \xrightarrow{+6} U$

$X \xrightarrow{+6} D \xrightarrow{+6} J \xrightarrow{+6} P \xrightarrow{+6} V$

8. (1)

$C \xrightarrow{+6} I \xrightarrow{+6} O \xrightarrow{+6} U \xrightarrow{+6} A$

$C \xrightarrow{+6} I \xrightarrow{+5} N \xrightarrow{+7} U \xrightarrow{+6} A$

$C \xrightarrow{+6} I \xrightarrow{+6} O \xrightarrow{+5} T \xrightarrow{+7} A$

$C \xrightarrow{+6} I \xrightarrow{+6} O \xrightarrow{+6} U \xrightarrow{+5} Z$

9. (2)

$O \xrightarrow{-1} N \xrightarrow{-2} L \xrightarrow{-1} K \xrightarrow{-1} J$

$O \xrightarrow{-2} M \xrightarrow{-3} J \xrightarrow{-4} F \xrightarrow{-5} A$

$O \xrightarrow{-6} I \xrightarrow{-2} G \xrightarrow{-3} D \xrightarrow{-1} C$

$O \xrightarrow{-2} M \xrightarrow{-2} K \xrightarrow{-2} I \xrightarrow{-2} G$

10. (3)

$B \xrightarrow{+5} G \xrightarrow{+6} M \xrightarrow{+7} T \xrightarrow{+7} A$

$B \xrightarrow{+5} G \xrightarrow{+6} M \xrightarrow{+6} S \xrightarrow{+7} Z$

$B \xrightarrow{+5} G \xrightarrow{+6} M \xrightarrow{+7} T \xrightarrow{+8} B$

$B \xrightarrow{+5} G \xrightarrow{+5} L \xrightarrow{+6} R \xrightarrow{+7} Y$

11. (4)

$A \xrightarrow{+2} C \xrightarrow{+23} Z \xrightarrow{-2} X \xrightarrow{-18} F \xrightarrow{+1} G$

$C \xrightarrow{+3} F \xrightarrow{+18} X \xrightarrow{-3} U \xrightarrow{-3} R \xrightarrow{-9} I$

$C \xrightarrow{+3} F \xrightarrow{+3} I \xrightarrow{+12} U \xrightarrow{-3} R \xrightarrow{+6} X$

$C \xrightarrow{+21} X \xrightarrow{-18} F \xrightarrow{+15} U \xrightarrow{-12} I \xrightarrow{-9} R$

SERIES

12. (2)

A $\xrightarrow{+1}$ B $\xrightarrow{+4}$ F $\xrightarrow{+1}$ G $\xrightarrow{+3}$ J $\xrightarrow{+1}$ K
 A $\xrightarrow{+2}$ C $\xrightarrow{+3}$ F $\xrightarrow{+4}$ J $\xrightarrow{+5}$ O $\xrightarrow{+6}$ U
 M $\xrightarrow{+3}$ P $\xrightarrow{+1}$ Q $\xrightarrow{+2}$ S $\xrightarrow{+1}$ T $\xrightarrow{+2}$ V
 A $\xrightarrow{+3}$ D $\xrightarrow{+2}$ F $\xrightarrow{+2}$ H $\xrightarrow{+2}$ J $\xrightarrow{+2}$ L

13. (2)

A $\xrightarrow{+4}$ E $\xrightarrow{+5}$ J $\xrightarrow{+5}$ O $\xrightarrow{+5}$ T $\xrightarrow{+5}$ Y
 A $\xrightarrow{+5}$ F $\xrightarrow{+5}$ K $\xrightarrow{+5}$ P $\xrightarrow{+5}$ U $\xrightarrow{+5}$ Z
 A $\xrightarrow{+5}$ F $\xrightarrow{+5}$ K $\xrightarrow{+5}$ P $\xrightarrow{+4}$ T $\xrightarrow{+5}$ Y
 A $\xrightarrow{+4}$ E $\xrightarrow{+4}$ I $\xrightarrow{+5}$ N $\xrightarrow{+4}$ R $\xrightarrow{+4}$ V

14. (3) Option (1)

1 2 3 4 5 6
 A $\xrightarrow{+1}$ B $\xrightarrow{+1}$ C $\xrightarrow{+1}$ D $\xrightarrow{+1}$ E $\xrightarrow{+1}$ F

Option (2)

12 13 14 15 16 17
 L $\xrightarrow{+1}$ M $\xrightarrow{+1}$ N $\xrightarrow{+1}$ O $\xrightarrow{+1}$ P $\xrightarrow{+1}$ Q

Option (3)

1 3 5 7 9 11
 A $\xrightarrow{+2}$ C $\xrightarrow{+2}$ E $\xrightarrow{+2}$ G $\xrightarrow{+2}$ I $\xrightarrow{+2}$ K

Option (4)

7 8 9 10 11 12
 G $\xrightarrow{+1}$ H $\xrightarrow{+1}$ I $\xrightarrow{+1}$ J $\xrightarrow{+1}$ K $\xrightarrow{+1}$ L

15. (4) Option (1)

11 13 16 17 18
 k $\xrightarrow{+2}$ m $\xrightarrow{+3}$ p $\xrightarrow{+1}$ q $\xrightarrow{+1}$ r

Option (2)

8 10 12 13 15
 h $\xrightarrow{+2}$ j $\xrightarrow{+2}$ l $\xrightarrow{+1}$ m $\xrightarrow{+2}$ o

Option (3)

16 18 19 21 23
 p $\xrightarrow{+2}$ r $\xrightarrow{+1}$ s $\xrightarrow{+2}$ u $\xrightarrow{+2}$ w

Option (4)

5 7 9 11 13
 e $\xrightarrow{+2}$ g $\xrightarrow{+2}$ i $\xrightarrow{+1}$ k $\xrightarrow{+2}$ m

16. (3)

26 $\xrightarrow{-2}$ 24 $\xrightarrow{-4}$ 20 $\xrightarrow{-6}$ 14 $\xrightarrow{-11}$ 3 $\xrightarrow{+1}$ 4
 Z $\xrightarrow{-1}$ X $\xrightarrow{-10}$ T $\xrightarrow{-1}$ N $\xrightarrow{-1}$ C $\xrightarrow{+1}$ D
 13 $\xrightarrow{+1}$ 14 $\xrightarrow{+10}$ 24 $\xrightarrow{+1}$ 25 $\xrightarrow{-9}$ 16 $\xrightarrow{+1}$ 17
 M $\xrightarrow{+2}$ N $\xrightarrow{+2}$ X $\xrightarrow{+2}$ Y $\xrightarrow{+2}$ P $\xrightarrow{+2}$ Q
 16 $\xrightarrow{+2}$ 18 $\xrightarrow{+2}$ 20 $\xrightarrow{+2}$ 22 $\xrightarrow{+2}$ 24 $\xrightarrow{+2}$ 26
 P $\xrightarrow{+1}$ R $\xrightarrow{+1}$ T $\xrightarrow{+1}$ V $\xrightarrow{+1}$ X $\xrightarrow{+1}$ Z
 18 $\xrightarrow{+1}$ 19 $\xrightarrow{-18}$ 1 $\xrightarrow{+1}$ 2 $\xrightarrow{+10}$ 12 $\xrightarrow{+1}$ 13
 R $\xrightarrow{+1}$ S $\xrightarrow{+1}$ A $\xrightarrow{+1}$ B $\xrightarrow{+1}$ L $\xrightarrow{+1}$ M

17. (3)

18 2 20 2 22 3 25 1 26 1 1 2 3
 R $\xrightarrow{+2}$ T $\xrightarrow{+2}$ V $\xrightarrow{+3}$ Y $\xrightarrow{+1}$ Z $\xrightarrow{+1}$ A $\xrightarrow{+2}$ C
 11 2 13 2 15 3 18 2 20 1 21 2 23
 R $\xrightarrow{+2}$ M $\xrightarrow{+2}$ O $\xrightarrow{+3}$ R $\xrightarrow{+2}$ T $\xrightarrow{+2}$ U $\xrightarrow{+2}$ W
 19 2 21 2 23 2 25 2 1 2 3 2 5
 S $\xrightarrow{+2}$ U $\xrightarrow{+2}$ W $\xrightarrow{+2}$ Y $\xrightarrow{+2}$ A $\xrightarrow{+2}$ C $\xrightarrow{+2}$ E
 15 8 23 3 26 4 4 5 9 6 15 7 22
 O $\xrightarrow{+3}$ W $\xrightarrow{+3}$ Z $\xrightarrow{+4}$ D $\xrightarrow{+5}$ I $\xrightarrow{+6}$ O $\xrightarrow{+7}$ V

18. (2)

A $\xrightarrow{+2}$ C $\xrightarrow{+3}$ F $\xrightarrow{+5}$ K $\xrightarrow{+4}$ O
 D $\xrightarrow{+3}$ G $\xrightarrow{+4}$ K $\xrightarrow{+5}$ P $\xrightarrow{+6}$ V
 D $\xrightarrow{-2}$ B $\xrightarrow{+9}$ K $\xrightarrow{-10}$ A $\xrightarrow{+12}$ M
 Q $\xrightarrow{+2}$ S $\xrightarrow{+3}$ V $\xrightarrow{+2}$ X $\xrightarrow{+2}$ Z

19. (1) 18 24 30 (4)

R X D
 $\xrightarrow{+6}$ $\xrightarrow{+6}$

20. (2) 8 10 13

H $\xrightarrow{+2}$ J $\xrightarrow{+3}$ M
 $\xrightarrow{+4}$ Q $\xrightarrow{+5}$ V $\xrightarrow{+6}$ B
 $\xrightarrow{+7}$ I

21. (4)

M $\xrightarrow{+6}$ S $\xrightarrow{+6}$ Y $\xrightarrow{+3}$ B $\xrightarrow{+5}$ G
 I $\xrightarrow{+4}$ M $\xrightarrow{+7}$ T $\xrightarrow{+4}$ X $\xrightarrow{+4}$ B
 B $\xrightarrow{+6}$ H $\xrightarrow{+6}$ N $\xrightarrow{+5}$ S $\xrightarrow{+3}$ V
 T $\xrightarrow{+6}$ Z $\xrightarrow{+5}$ E $\xrightarrow{+4}$ I $\xrightarrow{+3}$ L

22. (4)

C $\xrightarrow{-4}$ Y $\xrightarrow{-4}$ U $\xrightarrow{-4}$ Q

23. (2) T $\xrightarrow{-1}$ S $\xrightarrow{-1}$ W $\xrightarrow{-1}$ V $\xrightarrow{-1}$ Z $\xrightarrow{-1}$ Y
 $\xrightarrow{+2}$ $\xrightarrow{+2}$ $\xrightarrow{+2}$

24. (1)

7 3 25 21
 G $\xrightarrow{-4}$ C $\xrightarrow{-4}$ Y $\xrightarrow{-4}$ U

FED BAZ XWV

13 17 21 25
 M $\xrightarrow{+4}$ Q $\xrightarrow{+4}$ U $\xrightarrow{+4}$ Y
 22 19 16 13
 V $\xrightarrow{-3}$ S $\xrightarrow{-3}$ P $\xrightarrow{-3}$ M

UT RQ ON

16 12 9 5
 P $\xrightarrow{-4}$ L $\xrightarrow{-3}$ I $\xrightarrow{-4}$ E

ONM KJ HGF

25. (2)

1 4 9 16 25
 A $\xrightarrow{+3}$ D $\xrightarrow{+5}$ I $\xrightarrow{+7}$ P $\xrightarrow{+9}$ Y

BC EFGH JKLMNO QRSTUVWX

10 $\xrightarrow{+3}$ 13 $\xrightarrow{+5}$ 18 $\xrightarrow{+7}$ 25 $\xrightarrow{+8}$ 7(33)
 J $\xrightarrow{+3}$ M $\xrightarrow{+5}$ R $\xrightarrow{+7}$ Y $\xrightarrow{+8}$ G
 KL NOPO STUVWX ZABCDEF
 2×1 2×2 2×3 2×4

5 $\xrightarrow{+3}$ 8 $\xrightarrow{+5}$ 13 $\xrightarrow{+7}$ 20 $\xrightarrow{+9}$ 3(29)
 E $\xrightarrow{+3}$ H $\xrightarrow{+5}$ M $\xrightarrow{+7}$ T $\xrightarrow{+9}$ C
 FG IJKL NOPQRS UVWXYZAB
 2×1 2×2 2×3 2×4

8 $\xrightarrow{+3}$ 11 $\xrightarrow{+5}$ 16 $\xrightarrow{+7}$ 23 $\xrightarrow{+9}$ 6(32)
 H $\xrightarrow{+3}$ K $\xrightarrow{+5}$ P $\xrightarrow{+7}$ W $\xrightarrow{+9}$ F
 IJ LMNO QRSTUV XYZABCDE
 2×1 2×2 2×3 2×4

26. (3)

7 11 15 19
 G $\xrightarrow{+4}$ K $\xrightarrow{+4}$ O $\xrightarrow{+4}$ S

HIJ LMN PQR

20 24 28 6
 T $\xrightarrow{+4}$ X $\xrightarrow{+4}$ B $\xrightarrow{+4}$ F

UVW YZA CDE

13 16 19 23
 M $\xrightarrow{+3}$ P $\xrightarrow{+3}$ S $\xrightarrow{+4}$ W

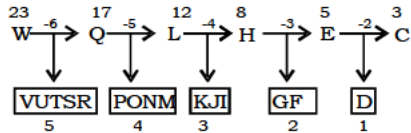
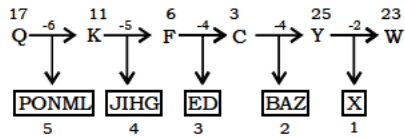
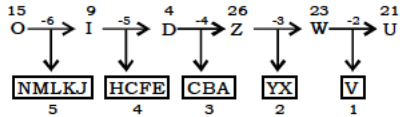
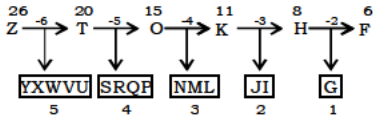
NO QR TUV

1 5 9 13
 A $\xrightarrow{+4}$ E $\xrightarrow{+4}$ I $\xrightarrow{+4}$ M

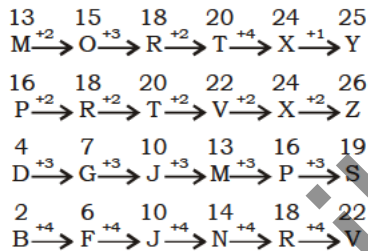
BCD FGH JKL

| SERIES |

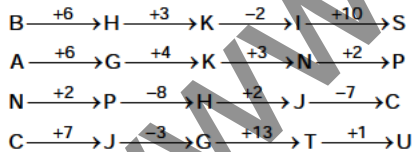
27. (3)



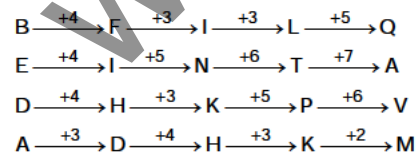
28. (1)



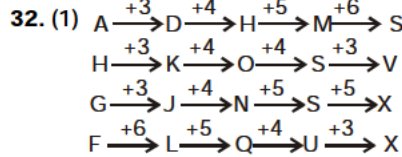
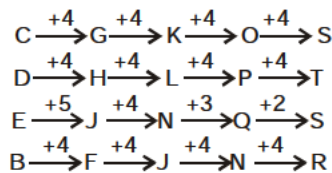
29. (2)



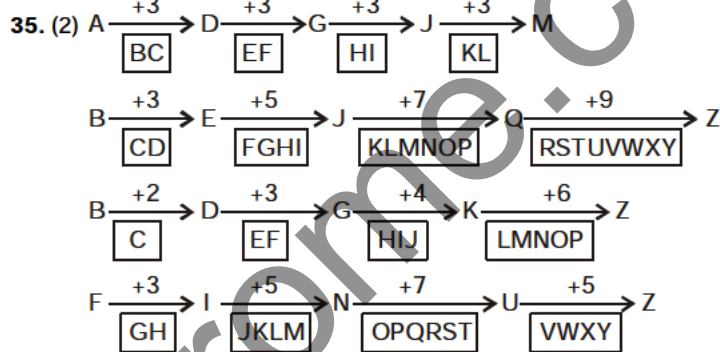
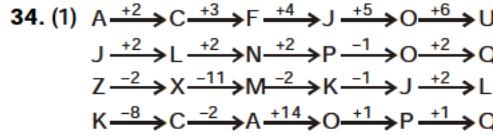
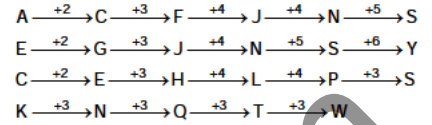
30. (2)



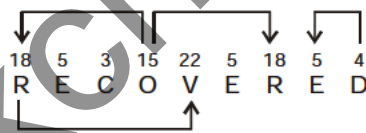
31. (3)



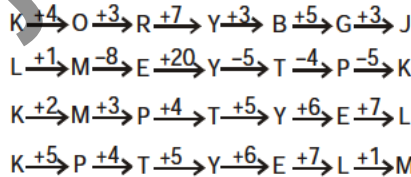
33. (2)



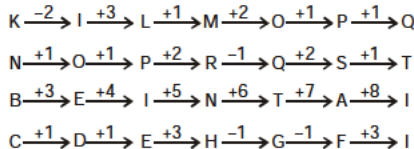
36. (2)



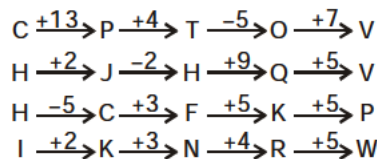
37. (3)



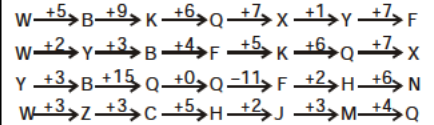
38. (3)



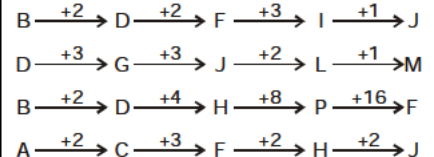
39. (4)



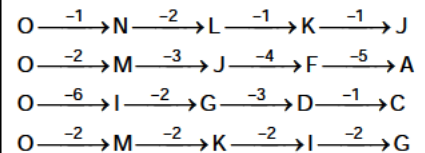
40. (2)



41. (3)



42. (2)



SERIES

TYPE-VI

1. (2)

$$\begin{matrix} A & \xrightarrow{+3} & D & \xrightarrow{+4} & H & \xrightarrow{+5} & M & \xrightarrow{+6} & S \\ 4 & \xrightarrow{+5} & 9 & \xrightarrow{+6} & 15 & \xrightarrow{+7} & 22 & \xrightarrow{+8} & 30 \end{matrix}$$

2. (3)

$$\begin{matrix} 25 & \xrightarrow{-2} & 23 & \xrightarrow{-2} & 21 & \xrightarrow{-2} & 19 & \xrightarrow{-2} & 17 \\ K & \xrightarrow{-2} & I & \xrightarrow{-2} & G & \xrightarrow{-2} & E & \xrightarrow{-2} & C \\ 8 & \xrightarrow{+3} & 11 & \xrightarrow{+3} & 14 & \xrightarrow{+3} & 17 & \xrightarrow{+3} & 20 \end{matrix}$$

3. (4)

$$\begin{matrix} D & \xrightarrow{+3} & G & \xrightarrow{+3} & J & \xrightarrow{+3} & M & \xrightarrow{+3} & P \\ 5 & \xrightarrow{+4} & 9 & \xrightarrow{+5} & 14 & \xrightarrow{+6} & 20 & \xrightarrow{+7} & 27 \end{matrix}$$

4. (3)

$$\begin{matrix} B & \xrightarrow{+3} & E & \xrightarrow{+4} & I & \xrightarrow{+5} & N \\ 2 & \xrightarrow{+1} & 3 & \xrightarrow{+1} & 4 & \xrightarrow{+1} & 5 \\ D & \xrightarrow{+4} & H & \xrightarrow{+5} & M & \xrightarrow{+6} & S \end{matrix}$$

5. (2)

$$\begin{matrix} 4 & \xrightarrow{+4} & 8 & \xrightarrow{+5} & 13 & \xrightarrow{+6} & 19 & \xrightarrow{+7} & 26 \\ E & \xrightarrow{+4} & I & \xrightarrow{+5} & N & \xrightarrow{+6} & T & \xrightarrow{+7} & A \end{matrix}$$

6. (1)

$$\begin{matrix} b & \xrightarrow{+1} & c & \xrightarrow{+1} & d & \xrightarrow{+1} & e & \xrightarrow{+1} & f \\ 3 & \xrightarrow{\times 2} & 6 & \xrightarrow{\times 2} & 12 & \xrightarrow{\times 2} & 24 & \xrightarrow{\times 2} & 48 \\ P & \xrightarrow{+2} & R & \xrightarrow{+2} & T & \xrightarrow{+2} & V & \xrightarrow{+2} & X \end{matrix}$$

7. (1)

$$\begin{matrix} c & \xrightarrow{+2} & e & \xrightarrow{+2} & g & \xrightarrow{+2} & i & \xrightarrow{+2} & k \\ 6 & \xrightarrow{+4} & 10 & \xrightarrow{+4} & 14 & \xrightarrow{+4} & 18 & \xrightarrow{+4} & 22 \end{matrix}$$

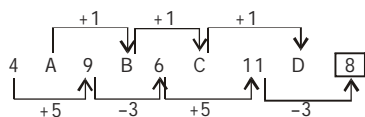
8. (4) $(5 + 9) \times ? = 84$

$$\therefore ? = \frac{84}{14} = 6$$

$$(8 + 6) \times 4 = 14 \times 4 = 56$$

$$(7 + 3) \times 7 = 10 \times 7 = 70$$

9. (2)



10. (4)

$$\begin{matrix} 23 & & 21 & & 19 & & 17 & & 15 \\ W & \xrightarrow{-2} & U & \xrightarrow{-2} & S & \xrightarrow{-2} & Q & \xrightarrow{-2} & O \\ 144 & & 121 & & 100 & & 81 & & 64 \\ & & \downarrow & & \downarrow & & \downarrow & & \downarrow \\ & & (11)^2 & & (10)^2 & & (9)^2 & & (8)^2 \end{matrix}$$

11. (3) **tpp**

ptpt **tpp** tp **tpp** pqqptpt **tpp** pt

12. (2) ptpttptpt **ppp** qqpttt

ppp t

13. (4)

$$\begin{matrix} 1 & \xrightarrow{+2} & 3 & \xrightarrow{+3} & 6 & \xrightarrow{+4} & 10 & \xrightarrow{+5} & 15 \\ Z & \xrightarrow{-1} & Y & \xrightarrow{-1} & X & \xrightarrow{-1} & W & \xrightarrow{-1} & V \\ 1 & \xrightarrow{+1} & 2 & \xrightarrow{+1} & 3 & \xrightarrow{+1} & 4 & \xrightarrow{+1} & 5 \\ A & \xrightarrow{+1} & B & \xrightarrow{+1} & C & \xrightarrow{+1} & D & \xrightarrow{+1} & E \end{matrix}$$

14. (1) There is no such 't'.

15. (3) **9 2** or **3**
192 6 5 9 3 8 **393** 2 5 9
293 4 8 2 6 9 8

16. (1) According to question the new series will be :

Z X V T R P **N** L J H F D B

17. (2)

f O r M
 ↓ ↓ ↓ ↓
 Small Capital Letter Small Capital Letter Letter Letter

18. (2) **3 5**

4 **536** 4 6 **736** 5 4 2 3 4
536 4 2 3 5 7 **836** 7 3 2 1 2
 3 **536** 5 6 **736** **736** 4 1 2 5

19. (4) **4 2 5**

4 5 3 6 4 6 7 3 6 5 **423** 4
 5 3 6 **423** 5 7 8 3 6 7 3 2 1
 2 3 5 3 6 5 6 7 3 6 7 3 6 4
 1 2 5 4 3 6

20. (2) **3 5** or **5 3**

4 **53** 6 4 6 7 3 6 5 4 2 3
 4 **53** 6 4 2 **35** 7 8 3 6 7
 3 2 1 2 **35** 3 6 5 6 7 3 6 7
 3 6 4 1 2 5 4 3 6

21. (3) **4 6**

45 3 6 4 6 7 3 6 **54** 2
34 5 3 6 4 2 3 5 7 8 3 6 7
 3 2 1 2 3 5 3 6 5 6 7 3 6 7
 3 6 4 1 2 **54** 3 6

22. (1) **6 7 3**

4 5 3 6 4 **673** 6 5 4 2 3 4
 5 3 6 4 2 3 5 7 8 3 **673** 2
 1 2 3 5 3 6 5 **673** **673**
 6 4 1 2 5 4 3 6

23. (4) 3 → 5 times, 4 → 7 times,
 6 → 3 times, 7 → 2 times,
 5 → 1 times, 8 → 3 times

24. (1) 348761567849 **6 7 5**

25. (3) 8 → 3 times, 4 → 7 times, 6 → 3 times,
 7 → 2 times, 3 → 5 times,
 5 → 1 times

26. (3)

EVEN NUMBER	EVEN NUMBER	ODD NUMBER
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Such combinations are :

867 , **689** , **223** , **281**

27. (2)

$$\begin{matrix} D & \xrightarrow{-3} & W & \xrightarrow{-3} & T & \xrightarrow{-3} & Q & \xrightarrow{-3} & N \\ 3 & \xrightarrow{+2} & 5 & \xrightarrow{+3} & 8 & \xrightarrow{+4} & 12 & \xrightarrow{+5} & 17 \\ a & \xrightarrow{+3} & d & \xrightarrow{+3} & g & \xrightarrow{+3} & j & \xrightarrow{+3} & m \end{matrix}$$

28. (2) **302** 503203202 **704**

0580 **704** 208

| SERIES |

29. (3)

Odd Number	9	Even Number
------------	---	-------------

4 6 9 2 5 9 394 6 792 4894

30. (1) $3463 - 1245 = 2218$

$5324 - 3626 = 1698$

31. (2) $437 - 364 = 73$

$73 \times 2 = 146$

$641 - 574 = 67$

$67 \times 2 =$ 134

32. (4) $1 \Rightarrow (1)^3$

$8 \Rightarrow (2)^3$

$27 \Rightarrow (3)^3$

$64 \Rightarrow (4)^3$

33. (2) $8 - 8 \Rightarrow 8 + 8 = 16$

$7 - 7 \Rightarrow 7 + 7 = 14$

$6 - 6 \Rightarrow 6 + 6 = 12$

Therefore,

$5 - 5 \Rightarrow 5 + 5 = 10$

34. (3) $5 \times 7 = 35$: Its unit digit is 5.

$12 \times 3 = 36$: 6

$8 \times 9 = 72$: 2

$6 \times 8 = 48$: 8

35. (3) $6 + 8 = 14$

$2 + 12 = 14$

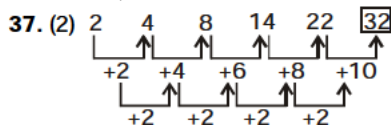
$5 + 9 = 14$

$4 + 10 = 14$

36. (2) $2 \times 2 + 1 = 5$

$3 \times 1 + 1 = 4$

$4 \times 1 + 3 = 7$



38. (3) $B_2CD \rightarrow BC_3D \rightarrow BCD_4 \rightarrow B_5CD \rightarrow BC_6D$

39. (2) The Letter 'P' is once in PEN, twice in PAPER and thrice in the word PEPPER.

40. (1) C = 1, O = 2, M = 2, I = 2, S = 2, N = 1

41. (4) M \Rightarrow 2; E \Rightarrow 3, A \Rightarrow 1, S \Rightarrow 2, U \Rightarrow 1, R \Rightarrow 1, N \Rightarrow 1, T \Rightarrow 1

42. (2) $\frac{24}{X} \xrightarrow{-7} \frac{17}{Q}$

Therefore,

$\frac{3}{C} \xrightarrow{+7} \frac{10}{J}$

43. (2) X T K

Such combinations are :

DTK , WTK

44. (2) X K T

Such combinations are :

ZKT , HKT

45. (4) N K or K N

There are five such Ks.

46. (2) X T X

RTU , T T

47. (1) X N X

There is no such N.

48. (4) X 4 5

Such combinations are :

1 4 5 ; 5 4 5

There are two such 4s which are followed by 5 but not preceded by 6.

49. (1) W X Y

ACEGI WXY KMOQ

SUWY WXY ZXVTRPN

WXY LFD WXY B

There are four such Xs which are followed by Y and preceded by W.

50. (3) S P R

SJA SPR BKT DULC SPR

DMV CNE SPR FOWBPG

SPR HQXAZ YRI SPR

There are five such Ps which are preceded by S and followed by R.

51. (3) 2 8 16

6432182 186 9345286 386

492 1 686 4954264

52. (4) 7 4 X

59321 742 6 9 746 132

8 741 383 256 743 9582

0 1 8 746 3

53. (1) g a r

lmnef dar glt mnt wraf sms

tfarit n oar

54. (2) N K X

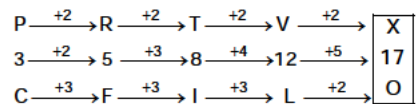
ABCDKNLJM NKS TRZKNKUNN

KUBWX NKL S

55. (2) X L Y

Z Q S TLR M N Q N R T U V X
R L T A S L T Q R S L T

56. (2)



57. (1) $7 - 2 = 5$; $7 + 2 = 9$

$\Rightarrow 7, 2 = 59$

$5 - 3 = 2$; $5 + 3 = 8$

$\Rightarrow 5, 3 = 28$

SERIES

$9 - 1 = 8; 9 + 1 = 10$

$\Rightarrow 9, 1 = 810$

$2 - 1 = 1; 2 + 1 = 3$

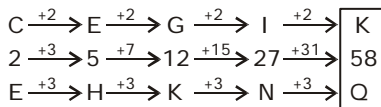
$\Rightarrow 2, 1 = 13$

Therefore,

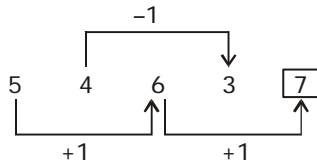
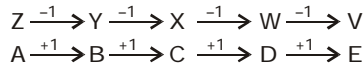
$5 - 3 = 1; 5 + 4 = 9$

$\Rightarrow 5, 4 = 19$

58. (3)

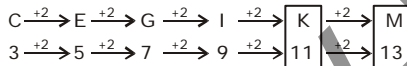


59. (1)



Therefore, ? \Rightarrow VE₇

60. (3)



61. (2)

Odd Number	8	Even Number
------------	---	-------------

184	38148328	784	8568	784	186
-----	----------	-----	------	-----	-----

62. (3)

N	M	N
---	---	---

Such combinations are :

N M W V

M	N
---	---

 M V W N M N

M

M	N
---	---

 W V

M	N
---	---

63. (4)

Z	A	B
---	---	---

Such combinations are :

64. (2)

G	I	H
---	---	---

 or

H	I	G
---	---	---

G G H I H I I G G J K L M

G	I	H	I	G
---	---	---	---	---

65. (1)

Odd Number	8	Even Number
------------	---	-------------

7 8 5 6

784

 321

386

43

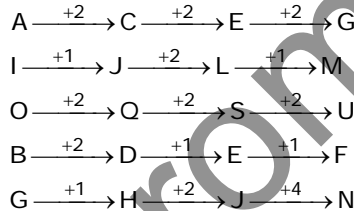
784

 21

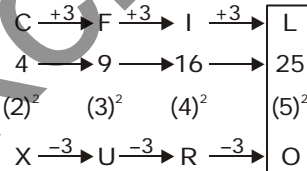
382

 89

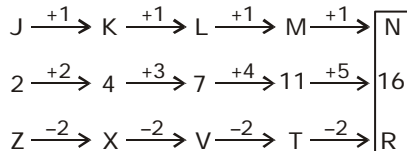
66. (2)



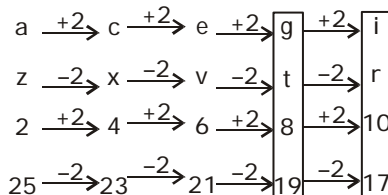
67. (*)



68. (4)



69. (3)



70. (4)

t	p
---	---

s p r u a

tp

 p g h j t k p s

tp

 d g c l p t t

tp

 p p

tp

tp

tp

 t s m v b

tp

 g c x d

p

tp

 k l s

tp

 t

There are 9 such 'p'.

71. (1) Cube is a three-dimensional figure having length, width and height.

Square is a two-dimensional (plane) figure having only length and width.

Line is a linear figure making a thin mark.

72. (2) Roots grow to develop trunk. Trunk gives rise to branches and twig. Leaves grow on twig.

73. (1) The series is based on the year of birth of the given personalities.

Dadabhai Naoroji : 04.09.1825;
Bal Gangadhar Tilak : 23.07.1856; Lala Lajpat Rai : 28.01.1865 and Mahatma Gandhi : 02.10.1869.

[Jawaharlal Nehru : 14.11. 1889; Subhash Chandra Bose : 23.01.1897; Bhagat Singh : 28.09.1907]

74. (1) Pentane (Refers to Five)
Hexane (Refers to Six)
Heptane (Refers to Seven)
Octane (Refers to Eight)



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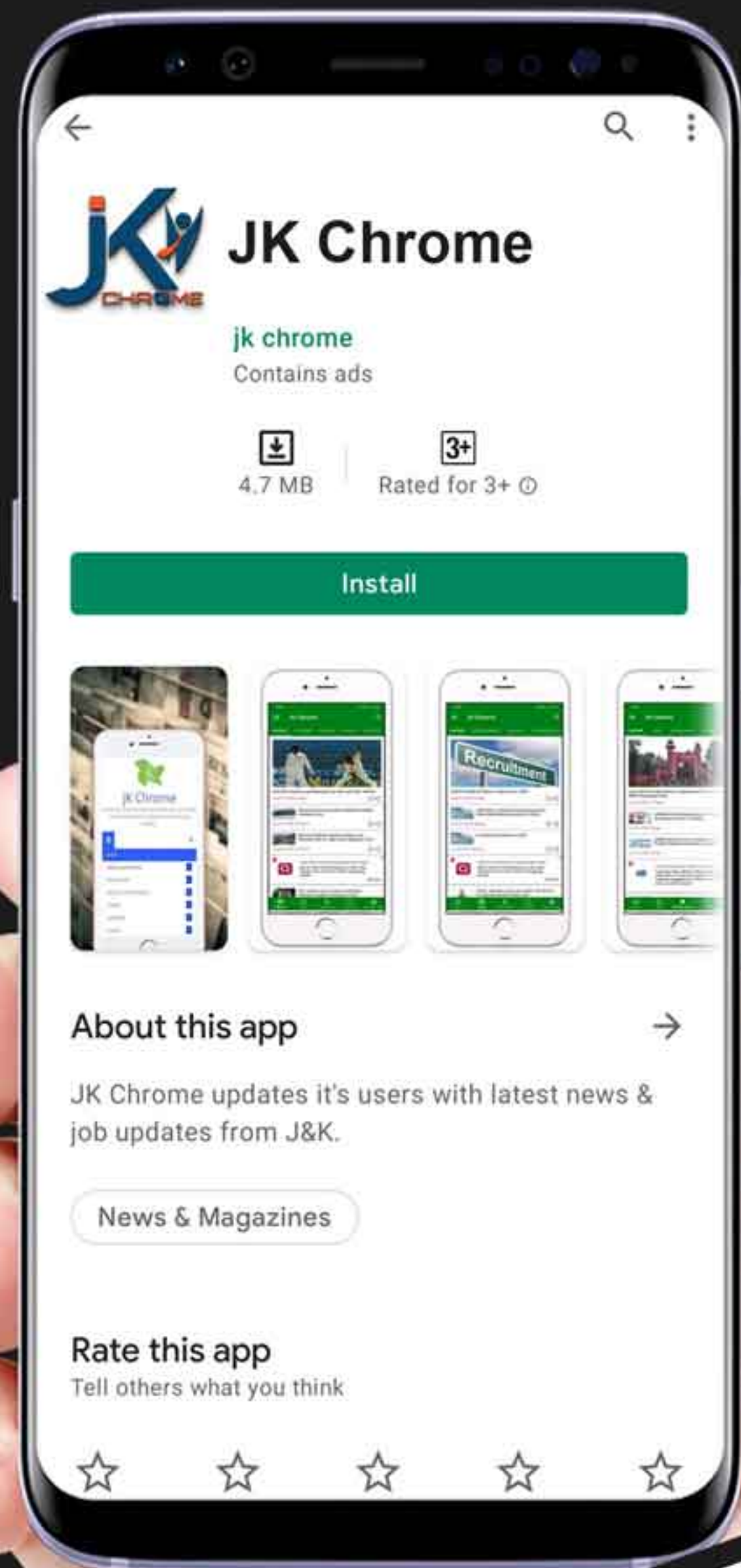
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