## Logical number - Alphabetical - Diagrammatic sequences

1. Find the next term of 4 in the series is $1,1,2,8,3,27,4, \ldots$.
(A) 31
(B) 29
(C) 16
(D) 64

Answer: (D) 64.
2. Find the wrong number in the series: $2,9,28,65,126,216,344$.
(A) 2
(B) 28
(C) 65
(D) 216

Answer: (D) 216.
3. Find the wrong number in the series: $10,14,28,32,64,68,132$
(A) 32
(B) 132
(C) 14
(D) 10

Answer: (B) 132.
4. Find out the missing term in the series $42,30,-----12,6$.
(A) 18
(B) 20
(C) 19
(D) 21

Answer: (B) 20.
5. Insert the missing number: $1,8,27,64,125,216,-----$
(A) 343
(B) 341
(C) 431
(D) 215

Answer: (A) 343.
6. Insert the missing number $2,6,12,20,30,42,56$,
(A) 62
(B) 72
(C) 64
(D) 68

Answer: (B) 72.
7. Find the odd man out: 4, 9, 19, 39, 79, 149, 319
(A) 319
(B) 149
(C) 79
(D) 39

Answer: (B) 149.
8. Find out the wrong number in the given series: $5,11,23,47,96,191,383$
(A) 181
(B) 23
(C) 96
(D) 5

Answer: (C) 96.
9. The next term of the series $7,3,10,13,23, \cdots----$ is
(A) 33
(B) 36
(C) 39
(D) 43

Answer: (B) 36.
10. Find the odd man out: $3,5,7,12,17,19$
(A) 3
(B) 12
(C) 5
(D) 19

Answer: (B) 12.
11. Find out the odd number in the series given $25,36,49,81,121,169,225$
(A) 36
(B) 49
(C) 169
(D) 225

Answer: (A) 36.
12. Find the odd man out in the series $2,3,4,4,6,8,9,12,16$.
(A) 3
(B) 6
(C) 9
(D) 12

Answer: (C) 9.
13. Find the missing number $1,3,3,6,7,9, ?, 12,21$
(A) 10
(B) 11
(C) 12
(D) 13

Answer: (D) 13.
14. Find out the wrong number in the sequence $156,168,182,208$
(A) 156
(B) 168
(C) 182
(D) 208

Answer: (B) 168.
15. Find the next number in the following series $5,10,13,26,29$
(A) 58
(B) 32
(C) 52
(D) 68

Answer: (A) 58.
16. The odd man out in the following: $1,144,16,25,49,81,121,36,65$ is
(a) 1
(B) 49
(C) 121
(D) 65

Answer: (D) 65.
17. The odd man out in the following: $1,125,8,216,1000,343,729,100$ is
(A) 343
(B) 1
(C) 100
(D) 8

Answer: (C) 100.
18. Find the next number of the sequence $0,5 / 2,8,17 / 2,24,37 / 2,48$, ?
(A) $65 / 2$
(B) $67 / 2$
(C) $57 / 2$
(D) $55 / 2$

Answer: (A) 65/2
19. Find the missing term: $3,15, ?, 63,99,143$
(A) 35
(B) 27
(C) 45
(D) 56

Answer: (A) 35.
20. Complete the series: AZ, GT, MN, ---- , YB
(A) SK
(B) JH
(C) SH
(D) TS

Answer: (C) SH
21. Find the next alphabet in the sequence B, E, I, N?
(A) U
(B) V
(C) T
(D) S

Answer: (C) T.
22. Find the missing letters in the series AZ, GT, MN, ??, YB.
(A) JH
(B) SH
(C) SK
(D) TS

Answer: (B) SH.
23. Find the next letter in the following sequence of alphabets $\mathrm{M}, \mathrm{N}, \mathrm{O}, \mathrm{L}, \mathrm{R}, \mathrm{I}, \mathrm{V}$ ?
(A) A
(B) E
(C) F
(D) H

Answer: (B) E.
24. Find the missing number in the series

(A) 184
(B) 241
(C) 210
(D) 425

Answer: (A) 184.
25. Find the next number in the following series: $4,6,9,131 / 2$
(A) $20 \frac{1}{4}$
(B) $223 / 4$
(C) 19
(D) $17 \frac{1}{2}$

Anwer: (A) 20 ¼.
26. Find the next number in the series 5, 23, 59, 119, 209
(A) 335
(B) 330
(C) 417
(D) 510

Answer: (A) 335.
27. The next term of the sequence $25,36,49,64,81, \ldots$.
(A) 16
(B) 9
(C) 100
(D) 18

Answer: (C) 100.
28. How many two-digit numbers are divisible by 13 ?
(A) 7
(B) 8
(C) 9
(D) 6

Answer: (A) 7.
29. Find the missing number in the place of 3 3:11 :: 7:?
(A) 18
(B) 22
(C) 29
(D) 51

Answer: (D) 51.
30. Find the number in the place of question mark? 21, 25, 34, 50, ?, 111, 160.
(A) 86
(B) 72
(C) 75
(D) 59

Answer: (C) 75.
31. Find the missing number in the following: 4242, 4254, 4230, 4266, 4218, 4278, ----
(A) 4264
(B) 4272
(C) 4228
(D) 4206

Answer: (D) 4206.
32. Find the next term of the sequence: $0,1,1,2,3,5,8,13, \ldots$
(A) 17
(B) 15
(C) 31
(D) 21

Answer: (D) 21.
33. Find the missing term marked by question mark in M3V, O5U, R7T, T9S, W11R, ?
(A) Y13Q
(B) Z13Q
(C) Y13P
(D) Y15Q

Answer: (A) Y13Q.
34. The wrong term in the series: $11,2,21,3,32,4,41,5,51,6$
(A) 11
(B) 21
(C) 32
(D) 51

Answer: (C) 32.
35. Find the missing term in the series: $4,121,9,144,16,169,----196$
(A) 14
(B) 20
(C) 25
(D) 30

Answer: (C) 25.
36. Identify the wrong number in the given series: $15,16,20,28,45,70,106$.
(A) 20
(B) 28
(C) 45
(D) 70

Answer: (B) 28.
37. Identify the wrong number in the given series: $15,16,20,28,45,70,106$.
(A) 20
(B) 28
(C) 45
(D) 70

Answer: (B) 28.
38. Which number will replace the question mark in the series $0,6,24,60,120,210$,?
(A) 290
(B) 240
(C) 336
(D) 504

Answer: (C) 336.
39. The sequence follow a regular pattern. Find the correct letter for question mark, to complete the sequence C EIK O Q?
(A) R
(B) S
(C) T
(D) U

Answer: (D) U
40. Pick out the odd one from the following alphabetical sequence
(A) PSVYB
(B) HKNQT
(C) NQTWZ
(D) SVXAD

Answer: (D) SVXAD.
41. Find the missed alphabets in the series: A, P, ?, T, K, ?, F
(A) R, G
(B) $\mathrm{C}, \mathrm{M}$
(C) S, R
(D) R, S

Answer: (A) R, G.
42. Find out the missing term in the given alphabet series: AZ, GT, MN, ------, YB.
(A) JH
(B) SH
(C) SK
(D) TS

Answer: (B) SH.
43. Find the missing number

(A) 51
(B) 57
(C) 58
(D) 53

Answer: (B) 57.
44. What is the missed figure in the sequence?

?

(A)

(B)

(C)

(D)


Answer: (D)

45. Which number will replace the question mark in the figure

(A) 625
(B) 1025
(C) 1175
(D) 825

Answer: (A) 625
46. Find the missing numbers in the series:

(A) 6
(B) 8
(C) 10
(D) 12

Answer: (C) 10.
47. Find the missing number in the following figure:

(A) 92
(B) 72
(C) 62
(D) 99

Answer: (D) 99.
48. Find the missing number from the following figure

(A) 8
(B) 14
(C) 10
(D) 6

Answer: (C) 10.
49. Find the missing number the following figure

(A) 80
(B) 114
(C) 108
(D) 120

Answer: (C) 108
50. Find the missing number in the series

(A) 102
(B) 301
(C) 231
(D) 32

Answer: (D) 32.
51. In the figure which number will replace the question mark?

(A) 34
(B) 36
(C) 44
(D) 48

Answer: (B) 36.
52. Which figure to come in the blank space?

(A) $\square \square \square \square$
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an

Answer: (D)

53. Which figure will be next figure in the following series of figures?

(A)

(B)

(C)

(D)


Answer: (A)

54. For the following numbers which is odd man out
(A) 121
(B) 132
(C) 144
(D) 154

Answer: (C) 144.
55. The next term of the sequence $2,5,10,17,28, \ldots$.
(A) 40
(B) 41
(C) 42
(D) 43

Answer: (b) 41.
56. The next number $3,9,27, \ldots$.
(A) 45
(B) 61
(C) 72
(D) 81

Answer: (D)
57. What is the next term of the series $1+3+7+15+31+63$ ?
(A) 96
(B) 121
(C) 127
(D) 99

Answer: (C) 127.
58. The next number in the series $1,6,13,22,33, \ldots$.
(A) 44
(B) 46
(C) 48
(D) 49

Answer: (B) 46.
59. The next number in the series is $3,10,24,52,108$, ----
(A) 230
(B) 210
(C) 220
(D) 240

Answer: (C) 220.
60. Find the missing number in the following series: $1,8,9,64,25, ?, 49$
(A) 210
(B) 212
(C) 214
(D) 216

Answer: (D) 216.
61. Find the missing number in the following series: $7,25,61,121,211,337$, ?
(A) 418
(B) 512
(C) 505
(D) 480

Answer: (C) 505.
62. The missing term in the series $9,225,16,196,25,169, ?, 144$
(A) 81
(B) 121
(C) 36
(D) 49

Answer: (C) 36.
63. Find the next term in the following series: Q1F, S2E, U6D, W21G, ?
(A) Y44B
(B) Y 66 B
(C) Y88B
(D) Z88B

Answer: (C) Y88B.
64. The next alphabet in the following sequence A D H M .... Is
(A) S
(B) T
(C) L
(D) P

Answer: (A) S.
65. Find the missing letters in the place of ?.SUWY : XVTR :: JLNP : ?
(A) OMKI
(B) OMIK
(C) OIMK
(D) OMIJ

Answer: (A) OMKI.
66. Which letters will come in the order AGI, BHJ, CIK, DJL?
(A) EME
(B) EKN
(C) EKM
(D) ELM

Answer: (C) EKM.
67. If $\mathrm{B}=2, \mathrm{BALL}=27$ then $\mathrm{BOOK}=$ ?
(A) 40
(B) 41
(C) 42
(D) 43

Answer: (D) 43.
68. Continue the series ADB, EHF, ILJ,....
(A) APR
(B) MPN
(C) BFO
(D) KOL

Answer: (B) MPN.
69. Of the following tick the one that does not belong to the rest. What is that?
(A) DHG
(B) CGF
(C) BFE
(D) HKL

Answer: (D) HKL.
70. Of the following tick the one that does not belong to the rest. What is that?
(A) AIQ
(B) BJR
(C) CKS
(D) DMT

Answer: (D) DMT.
71. Find the missing number

(A) 22
(B) 37
(C) 28
(D) 1

Answer: (B) 37.
72. Find the missing number

(A) 8
(B) 9
(C) 10
(D) 12

Answer: (B) 9.
73. Value of $x$

(A) 108
(B) 102
(C) 49
(D) 64

Answer: (A) 108.
74. Value of $x$ is

| 2 | 13 | 3 |
| :---: | :---: | :---: |
| 6 | 40 | 2 |
| 5 | 61 | $x$ |

(A) 4
(B) 7
(C) 6
(D) 5

Answer: (C) 6.
75. Find the missing number

(A) 10
(B) 9
(C) 8
(D) 7

Answer: (C) 8
76. Find the missing number?

(A) 2
(B) 6
(C) 8
(D) 64

Answer: (C) 8.
77. What is the next figure?

(A)

(C)

(B)

(D)


Answer: (D)

78. Next diagram in the sequence?


Answer: (C)

79. What is the next figure

(A)

(B)

(C)

(D)


Answer:

80. Find the next figure

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(D)


Answer:

81. Find the next figure

(A)

(B)

(C)

(D)


Answer:

82. Find the next figure

(A)

(B)


(D)


Answer:

83. Which of the following four figures when placed at the vacant part shall complete the figure?

(A)

(B)

(C)

(D)


Answer:

84. Fill in the blank


Answer:

85. Find the missing number

86. Find x

| 1 | 2 | 3 |
| :---: | :---: | :---: |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| 105 | $x$ | 297 |

(A) 225
(B) 93
(C) 80
(D) 184

Answer: (D) 184.
87. Find the missing number

(A) 6
(B) 8
(C) 10
(D) 12

Answer: (C) 10.
88. In the following diagram which one is different from the other diagrams?

(A) 1
(B) 2
(C) 3
(D) 4

Answer: (B) 2
89. What is next?


Answer:

90. What is the next figure?


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Answer:

$$
\text { (C) } \begin{array}{rrr}
\square \triangle & = \\
\div & + \\
& \\
\hline
\end{array}
$$

91. Find the next diagram?

(A)


Answer:

92. Identify the next figure



Answer:

93. The next figure is

(A)


(C)

(D)


Answer:
(B)

94.

(A)

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o
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Answer:

95. The next figure in the following series

(A)

(B)


(D)


Answer:
(B)

96. Find the next diagram


Answer:

97. Find the missed figure in the sequence

(1)

(2)

(3)

(5)
(A)

(B)

(D)


Answer:
(B)

98. Find the missing figure in the place of

(A)

(B)

(C)

(D)


Answer:

99. Find the missing number in the diagram


| 10 | 8 |
| :---: | :---: |
| 80 | 18 |


| 12 | 8 |
| :---: | :---: |
| $?$ | 20 |

(A) 25
(B) 30
(C) 96
(D) None of these.

Answer: (C) 96.
100. Find the missing number.

(A) 4
(B) 5
(C) 2
(D) 1

Answer: (D) 1.
101. Find the missing number.

(A) 82
(B) 96
(C) 72
(D) 84

Answer: (D) 84.
102. Find the missing term.

(A) 20
(B) 14
(C) 22
(D) 26

Answer: (D) 26.

