

1. What will come in place of the question mark in the question below.
97 98 90 117 ? 178
A. 51 B. 49
C. 53 D. 57
E. None of these
2. What will come in place of the question mark in the question below.
8 11 20 47 ? 371
A. 128 B. 125
C. 133 D. 129
E. 137
3. What will come in place of the question mark in the question below.
7 10 15 24 39?
A. 57 B. 62
C. 67 D. 58
E. None of these
4. What will come in place of the question mark in the question below.
5 14 41 122 ? 1094
A. 361 B. 327
C. 365 D. 348
E. 344
5. What will come in place of the question mark in the question below.
18 9 9 13.5 ? 67.5
A. 21 B. 34
C. 41 D. 27
E. 23
6. 40% of 60% of $\frac{3}{5}$ th of a number is 504. What is 25% of $\frac{2}{5}$ th of that number?
A. 180 B. 175
C. 360 D. 350
E. None of these
7. At present, Tarun is twice the age of Vishal and half the age of Tanvi. After four years, Tarun will be 1.5 times Vishal's age and Tanvi will be 2.5 times of Vishal's age. What is Tanvi's present age?
A. 12 years B. 8 years
C. 20 years D. 16 years
E. None of these
8. Two pipes can fill a cistern separately in 24 min and 40 min respectively. Waste pipe is opened which can drain the cistern at 30 liters/minute. If all the pipe are opened together then the cistern fills in one hour. The capacity (in litre) of the cistern is?
A. 800 B. 400
C. 600 D. 500
E. None of these
9. A boat covers 50 km in 2 hours downstream and covers the same distance in 5 hours upstream. Then find the distance covered in 3 hours in still water?
A. 52.5 km B. 62.5 km
C. 55 km D. 58.7 km
E. None of these
10. A certain sum in certain time become Rs. 5000 at the rate 12% per annum SI and the same sum amounts to Rs. 2000 at the rate of 4% per annum SI in the same duration. Find the sum and time.
A. 400 Rs, 60 yr B. 300 Rs., 75 yr
C. 800 Rs., 55 yr D. 500 Rs. 75 Yr
E. None of these
11. The average wage of a worker during a fortnight comprising 15 consecutive working days was Rs. 95 per day. During the first 7 days, his average was Rs. 92 per day and the average wage during the last 7 days was Rs. 97 per day. What was his wage on 8th day?
A. Rs. 98 B. Rs. 100
C. Rs. 101 D. Rs. 99
E. Rs. 102
12. P is thrice as good a workman as Q and is therefore able to finish a piece of work in 60 days less than Q. find the time in which they can do it working together.
A. $22\frac{3}{4}$ days B. $25\frac{1}{2}$ days
C. $24\frac{1}{2}$ days D. $22\frac{1}{2}$ days
E. $23\frac{1}{2}$ days
13. If the numerator of a fraction is increased by 150% and the denominator of the fraction is increased by 350%, the resultant fraction is $\frac{25}{51}$. What is the original fraction?
A. $\frac{11}{17}$ B. $\frac{11}{15}$
C. $\frac{15}{17}$ D. $\frac{13}{15}$
E. None of these
14. Ms. Deepti Jain invests 11% of her monthly salary, i.e., ₹ 5236 in Fixed Deposits. She invests 19% of her monthly salary on Life Insurance Policies, also she invests another 7% of her monthly salary on Mutual Funds. What is the total annual amount invested by Ms. Deepti Jain if the monthly investment for each month is equal?
A. ₹ 211344 B. ₹ 17612
C. ₹ 105672 D. ₹ 35224
E. None of the above
15. Ramlal is a dishonest shopkeeper. The 1 kg weight that he uses actually weighs 600 g. How much % profit does he gain on the sale of the item?
A. 50% B. 25%
C. 20% D. 66.7%
E. 12.5%

Direction (16-20): Study the following table carefully and answer the questions give below -
Number of People Working in Various Departments from Various Organizations

Departments	Organizations				
	A	B	C	D	E
HR	1050	1015	976	888	1004
Finance	1017	960	786	1025	963
Marketing	1382	1384	1275	1300	1290
Production	1542	1545	1550	1570	1580
Account	786	745	801	800	735
Legal	48	54	36	30	53

35. **Direction:** What value should come in place of the question mark (?) in the following equation?
 $31 + 48 \div 8 - 3 \times 6 = ?$
 A. 204 B. 19
 C. 18 D. 194
 E. None of these

Direction (36-40): In these questions, a relationship between different elements is shown in the statements. The statements are followed by two conclusions. Give answer

36. **Statement:**
 $M \geq K > T = P \leq S = R$
Conclusions:
I. $M > P$
II. $R > T$
 A. Only conclusion I is true.
 B. Only conclusion II is true.
 C. Either conclusion I or II is true.
 D. Neither conclusion I or II is true.
 E. Both conclusions I and II are true.

37. **Statement:**
 $R \leq L = T \geq S, V < G \leq R$
Conclusions:
I. $S \geq G$
II. $G \leq T$
 A. Only conclusion I is true.
 B. Only conclusion II is true.
 C. Either conclusion I or II is true.
 D. Neither conclusion I or II is true.
 E. Both conclusions I and II are true.

38. **Statements:**
 $D = K \geq R > T, Q \leq P = T$
Conclusions:
I. $D > P$
II. $R > Q$
 A. Only conclusion I is true.
 B. Only conclusion II is true.
 C. Either conclusion I or II is true.
 D. Neither conclusion I or II is true.
 E. Both conclusions I and II are true.

39. **Statements:**
 $M \leq N \leq R = J < K = L$
Conclusions:
I. $J > M$
II. $M = J$
 A. Only conclusion I is true.
 B. Only conclusion II is true.
 C. Either conclusion I or II is true.
 D. Neither conclusion I or II is true.
 E. Both conclusions I and II are true.

40. **Statements:**
 $A \geq N < R = Q, N < S = K$
Conclusions:
I. $A \geq K$
II. $S < Q$
 A. Only conclusion I is true.
 B. Only conclusion II is true.
 C. Either conclusion I or II is true.
 D. Neither conclusion I or II is true.
 E. Both conclusions I and II are true.

Directions (41-45): Study the following information carefully and answer the green questions.

PQ, R, S, T, V, W and X are sitting around a circular table facing the centre but not necessarily in the same order.

- (a) R sits third to the left of W.
 (b) X sits second to the right of T. T is not an immediate neighbour of R and W.
 (c) Two people sit between 'P and S. Neither P nor S is an immediate neighbour of X.
 (d) Q is not an immediate neighbour of X and P.

41. Which of the following pairs represents the immediate neighbours of S?
 A. W, T B. R, Q
 C. R, X D. X, T
 E. W, P
42. What is the position of V with respect to P in the above arrangement?
 A. Third to the right B. Immediate left
 C. Fifth to the right D. Immediate right
 E. Second to the right
43. Who sits third to the right of Q?
 A. P B. S
 C. X D. T
 E. V
44. What will come in place of question mark in the following series according to the above seating arrangement?
 X, P, S, V, ?
 A. Q B. R
 C. T D. P
 E. W
45. Four of the following five are similar in a certain way based on their positions in the seating arrangement given above. Which of the following does not belong to that group?
 A. SR B. RX
 C. WP D. QS
 E. XV

Directions (46-50): Study the following arrangement carefully and answer the questions given below:

A Q 2 K F & E 7 S 9 N M Z \$ 6 % @ V L 8 * W 4 β 35 © E U # C

46. Which of the following is the ninth to the left or the eighteenth from the left end of the above arrangement?
 A. W B. N
 C. * D. S
 E. None of these
47. How many such odd numbers are there in the above arrangement, each of which is immediately preceded by a consonant and also immediately followed by a consonant?
 A. None B. One
 C. Two D. Three
 E. More than three

48. If all the letters and symbols are dropped from the above arrangement, which of the following will be the sixth from the left end or the above arrangement?
- A. 7 B. 8
C. 3 D. 6
E. 4
49. How many such symbols are there in the above arrangement, each of which is immediately preceded by a number and also immediately followed by a letter?
- A. None B. One
C. Two D. Three
E. More than three
50. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?
- A. KE& B. SN9
C. M6\$ D. 453
E. @8L

Directions (51-55): Study the following information carefully and answer the questions given below:

In a college canteen twelve students are sitting in two parallel lines in such a way that there are six students in each row at equidistance. G, H, I, J, K and L are sitting in row-1 and they face towards east. M, N, O, X, Y and Z are sitting in row-2 and they face towards west. One student of one row faces the other student of the other row. M, who is sitting at one of the ends of the row, is second to the right of Y. G does not face M or Y. G is third to the left of L. There are two students between N and Z. There is only one student between I and J. I and J do not face M. H is neighbour of I. X, who does not face J, is not the neighbour of N.

51. Who among the following faces L?
- A. N B. Y
C. X D. O
E. Z
52. How many students are sitting between K and I?
- A. One B. Two
C. Three D. Four
E. None
53. K is related to O in the same way as H is related to X. On this pattern L is related to
- A. Z B. M
C. Y D. N
E. None of these
54. Which of the following statements is true about H?
- A. N is not the neighbour of that student who faces H
B. I is not the immediate neighbour of H
C. K is second to the right of H
D. Y faces H
E. H is second from the left end of the row

55. Who are sitting at the ends of the row?
- A. M, Z B. L, G
C. J, K D. M, X
E. None of these

Directions (56-60): Following questions are based on the five three digit numbers given below:

725 924 485 816 563

56. If all the numbers are arranged in descending order from left to right, which of the following will be the product of the first and the second digits of the number which is exactly in the middle of the new arrangement?
- A. 14 B. 18
C. 8 D. 30
E. 32
57. If all the digits in each of the numbers are arranged in ascending order within the number, which of the following will form the highest number in the new arrangement of numbers?
- A. 725 B. 924
C. 485 D. 816
E. 563
58. If the positions of the first and the third digits of each of the numbers are interchanged, how many odd numbers will be formed?
- A. None B. One
C. Two D. Three
E. Four
59. If one is added to the middle digit of each of the numbers, how many numbers thus formed will NOT be divisible by three?
- A. None B. One
C. Two D. Three
E. Four
60. What will be the resultant if the first digit of the highest number is multiplied by the third digit of the lowest number?
- A. 16 B. 45
C. 40 D. 27
E. 14

Directions (61-65): Study the following information carefully and answer the questions given below:

Eight friends M, N, O, P, Q, R, S and T are sitting in a straight line facing north. All of them like different games, viz Cricket, Badminton, Hockey, Golf, Football, Baseball, Chess and Tennis, but not necessarily in the same order.

The one who likes Tennis sits third to the right of S. O is on the immediate left of S. The person who likes Hockey sits second to the left of O. N sits second to the right of T, who likes neither Tennis nor Hockey. Only two persons sit between O and the one who likes Football. M and R immediate neighbours and both of them do not like Tennis. The person who likes Cricket sits second to the right of M. There are two persons between P and the one who likes Badminton. P does not like Tennis. The one who likes Baseball is an immediate neighbour of the one who likes Tennis. The one

who likes Football sits second to the left of M. One of the immediate neighbours of S likes Chess. P sits on an extreme end of the line.

61. Who among the following likes Golf?
A. M B. O
C. R D. P
E. None of these
62. Who among the following sits on the immediate left of R?
A. O B. M
C. P D. Q
E. None of these
63. O likes which of the following game?
A. Badminton B. Cricket
C. Baseball D. Golf
E. None of these
64. How many persons are there between M and T?
A. Three B. Two
C. None D. Four
E. None of these
65. What is the position of N with respect to the one who likes Chess?
A. Second to the left
B. Second to the right
C. Third to the right
D. Fourth to the left
E. None of these
66. In a certain code 'TERMINAL' is written as 'NSFUMBOJ' and 'TOWERS' is written as 'XPUTSF'. How is 'MATE' written in that code?
A. FUBN B. UFNB
C. BNFU D. BNDS
E. None of these
67. How many such pairs of letters are there in the word 'VIRTUAL', each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series?
A. None B. One
C. Two D. Three
E. More than three
68. A is sister of K. S is brother of K. N is mother of K. T is husband of N. How many sons does T have?
A. Four B. Three
C. Two D. Data inadequate
E. None of these
69. If it is possible to make only one meaningful word with the first, second, sixth and tenth letters of the word DISCLAIMER, which of the following will be the third letter from the left? If no such word can be made, give 'X' as your answer and if more than one such words can be made, give 'Y' as the answer

- | | |
|------|------|
| A. I | B. R |
| C. D | D. X |
| E. Y | |

70. K walked 5 metres towards North, took a left turn and walked for 10 metres. He then took a right turn and walked for 20 metres, and again took right turn and walked 10 metres. How far he is from the starting point?
A. 20 metres B. 15 metres
C. 25 metres D. 30 metres
E. None of these

Directions (71-80): Read the following passage carefully and answer the questions given below it. Certain words are printed in bold to help you locate them while answering some of the questions.

Amrutananda was a well-known and rich landlord in his village. He and his wife were both **cunning** and extremely sly. They made a lot of money by cheating and ill-treating their labourers who worked in their fields. One day, a young man named Manikya came to Amrutananda, asking for work. Amrutananda was pleasantly surprised. No one ever wanted to work for him because of his reputation, and here was someone walking right into his house. Manikya's next few words made him even happier. Manikya said, 'I will work for you for free. You need not pay me a salary, only give me a place to sleep, two sets of clothes and two meals a day.' Amrutananda was filled with joy when he heard this and was about to agree when Manikya added, 'I have only one condition: I will tell you the truth always, but one day of the year I will lie to you.' Amrutananda, who lied happily every day of the year, agreed to this **odd** condition. So Manikya joined him. He was a wonderful worker - hard working and trustworthy. He was very honest and soon became Amrutaminda's right hand man. A year went by, and because of Manikya's hard work, Amrutananda had an excellent harvest. He and his wife Mandakini decided to have a big feast to celebrate. They invited all their relatives and friends, who came from across the village and outside to participate in this celebration. Everyone was looking forward to the delicious feast being planned: On the morning of the feast, Amrutananda decided he would also give away some gifts to his relatives, just so that he could show off. So he set off for the market in his cart. As soon as he was out of sight, Manikya went running to his mistress, Mandakini. He wept loudly and beat his chest. Then he fell on the floor sobbing, and announced, 'The master is dead. The cart **overturned** on the road'. Our master has been flattened like a chapatti. As soon as Amrutananda's wife and relatives heard this, they started wailing. Manikya rushed out, saying he would bring back the body, while everyone started preparing for the last rites.

Manikya now went running to his master and said "Master! Your wife is dead. My kind, loving mistress is dead. A cobra bit her and she fell to the ground, as blue as the spring sky." Amrutananda was **stunned**. His beloved Mandakini, his partner in all his schemes, was dead! He couldn't believe it. He rushed back home shouting her name. Mandakini was weeping loudly, sitting in the courtyard. When she saw her husband run in, she stopped mid-wail, and Amrutananda too stood open-mouthed and speechless. Then they fell into each other's arms, unable to believe their eyes. At once they turned to Manikya, "What is the meaning of this, Manikya?" his master demanded in a stern voice. Manikya smiled, "Remember my condition, that I would lie only once in a year? Well, I choose today. You see what lies can do? They nearly destroyed your life. Now think about what happens to the people you lie to everyday," Saying this he walked out, leaving behind a stunned and **ashamed** landlord.

71. Why didn't anyone want to work for Amrutananda?
A. He always ill-treated and cheated his labourers.
B. He wanted people to work for him for free.
C. He never paid their dues on time.
D. He hardly made them work.
E. He had too many conditions.
72. Why did Manikya volunteer to work for Amrutananda for free?
A. His food and shelter would be taken care of
B. He was fond of Amrutananda.
C. He had heard many stories of Amrutananda's generosity.
D. He wanted to teach Amrutananda a lesson.
E. He could not find work anywhere else.
73. What was Manikya's intention behind lying to his master?
A. He wanted to draw some attention to himself.
B. He was jealous of his master.
C. He wanted to cause trouble during the celebration.
A. Only A B. Only B and C
C. Only C D. Only B
E. None of these
74. What could be the moral of this story?
A. Lying destroys lives
B. Never employ anyone for free
C. Always think before you cry
D. Never show off your wealth
E. Feasts always lead to tragedy
75. Why did Amrutananda and his wife, Mandakini, wish to have a celebration?
A. They wanted to treat Manikya to a feast for his effort in the successful harvest.
B. They wanted to give Manikya a farewell.
C. They received a rich harvest and so wanted to have a feast.
D. They had abundant food and did not know what to do with it.
E. They wanted to show off their wealth to their neighbours.

76. Choose the word which is most nearly the SAME in meaning as the word printed in bold as used in the passage
Overtuned
A. Slipped B. Rotated
C. Inverted D. Accident
E. Blocked
77. Choose the word which is most nearly the SAME in meaning as the word printed in bold as used in the passage
Odd
A. Acceptable B. Normal
C. Favourable D. Unique
E. Strange
78. Choose the word which is most nearly the SAME in meaning as the word printed in bold as used in the passage
Stunned
A. Shocked B. Confused
C. Doubtful D. Hesitant
E. Scared
79. Choose the word which is most OPPOSITE in meaning of the word printed in bold as used in the passage.
Cunning
A. Pure B. Sly
C. Innocent D. Hasitant
E. Superior
80. Choose the word which is most OPPOSITE in meaning of the word printed in bold as used in the passage.
Ashamed
A. Happy B. Proud
C. Grateful D. Peaceful
E. Guilty

Direction (81-90): Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. If there is no error, the answer is 'No error'. (Ignore the errors of punctuation, if any.)

81. The Kozhikode conclave also saw /the ruling party trying for /a image makeover to counter the opposition's allegations of it / being pro-rich and anti-dalit. / No error
A. The Kozhikode conclave also saw
B. the ruling party trying for
C. a image makeover to counter the opposition's allegations of it
D. being pro-rich and anti-dalit.
E. No error
82. The new economic policy and liberalization / process followed by Government of India for 1991 / paved the way for privatization / of insurance sector in the country. / No error
A. The new economic policy and liberalization
B. process followed by Government of India for 1991
C. paved the way for privatization
D. of insurance sector in the country.
E. No error

83. There were / many people / present on the / award function.
A. There were
B. many people
C. present on the
D. award function
E. No error
84. Our past history and our present position / in the world demands/ that we should be more cautious and vigilant/ about our freedom and security.
A. Our past history and our present position
B. in the world demands
C. that we should be cautious and vigilant
D. about our freedom and security
E. no error.
85. Nothing worthwhile has been done/ to ameliorate the conditions of the/ rural population which are only slightly different/ from their quadruped counterparts.
A. Nothing worthwhile has been done
B. to ameliorate the conditions of the
C. rural population which are only slightly different
D. from their quadruped counterparts.
E. No error
86. Motivation for ruralism in/ underdeveloped countries is/ understandingly different from / that in developed countries.
A. Motivation for ruralism in
B. under developed countries are
C. understandingly different from
D. that in developed countries
E. No error
87. The shift in relations has been manifested (a)/ most recently in the first bilateral military (b)/ exercises between China and India (c)/ that take place in November 2003. (d)/ No error (e).
A. The shift in relations has been manifested
B. most recently in the first bilateral military
C. exercises between China and India
D. that take place in November 2003
E. No error
88. While most IIT students sought (1) /shelter from the hailstorm hitting campus, (2)/ a bolt of lightening struck a tree (3)/ by Bidwell Mansion, splitting it in half (4).
A. (1) B. (2)
C. (3) D. (4)
E. No error
89. My husband being unwell sent (A)/ a directive to his boss(B)/ briefing why could he (C)/ not attend the office on that day.(D)
A. (A) B. (B)
C. (C) D. (D)
E. No error
90. Nature worship is an age (A)/ old tribal belief based (B)/ on the premise that all (C)/ the creations of nature have to be protected. (D)
A. (A) B. (B)
C. (C) D. (D)
E. No error

Directions (91-100): In the given passage, there are blanks, each of which is indicated by a number. Find the suitable word from the options given against each number and fill the blanks with appropriate words to make the paragraph meaningfully complete.

Zenith Edgar and her daughter, Ria, (###Q91###) just heard that the Bulgarians have scored a tremendous victory in a cavalry charge led by Ria's fiancé, Robert Downy, who is in the same regiment as Ria's father, Major Paul Edgar, Ria is so (###Q92###) with the noble deeds of her fiancé that she (###Q93###) that she might never be able to live up to his nobility. At this very moment, the maid, Emily, rushes in with the news that the Serbs are being chased (###Q94###) the streets and that it is necessary to lock up the house and all of the windows.

Ria promises to do so later and Emily leaves, But as Ria is reading in bed, shots are heard, there is a noise at the balcony window, and a bedraggled enemy soldier with a gun appears and (###Q95###) to kill her if she makes a sound. After the soldier and Ria exchange some words, Emily calls from outside the door, she says that several soldiers want to (###Q96###) the house as a Serbian soldier was seen climbing her balcony. When Ria hears the news, she turns to the soldier and hastily decides to hide him. The soldiers investigate, find no one, and leave. Ria then calls the man out from hiding, she learns that the soldier carries no cartridges.

He explains that (###Q97###) of carrying bullets, he always carries chocolate into battle. Furthermore, he is not an enemy, he is a Swiss, a professional soldier hired by Serbia. Ria gives him the last of her chocolate creams, which he (###Q98###). He (###Q99###) her for saving his life. Now that the Bulgarian soldiers are gone, Ria wants the "chocolate cream soldier" (as she calls him) to climb back down the drainpipe, but he (###Q100###) to; whereas he could climb up, he hasn't the strength to climb down.

91. Find out the appropriate word in each case
A. Have B. Has
C. Had D. Was
E. Are
92. Find out the appropriate word in each case
A. Afraid B. Impressed
C. Miffed D. Hurt
E. Dejected
93. Find out the appropriate word in each case
A. Brags B. Boasts
C. Flaunts D. Fears
E. Swanks
94. Find out the appropriate word in each case
A. On B. At
C. Of D. Through
E. Over
95. Find out the appropriate word in each case
A. Threatens B. Blackmails
C. Warning D. Threatened
E. Warned

96. Find out the appropriate word in each case
A. Explored B. Examined
C. Search D. Find
E. Searched
97. Find out the appropriate word in each case
A. Additional B. Instead
C. Other D. Substitute
E. Replacement
98. Find out the appropriate word in each case
A. Ate B. Consume
C. Tossed D. Throws
E. Devours

99. Find out the appropriate word in each case
A. Blames B. Reprimands
C. Appreciates D. Thanks
E. Upbraids
100. Find out the appropriate word in each case
A. Accepts B. Refuses
C. Rejected D. Declined
E. Refused

Source: gradeup

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