

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

16. The total number of employees working in the legal department is approximately what per cent of the total number of employees working in HR department of all the organizations together?
A. 4 B. 8
C. 12 D. 6
E. 10
17. What is the approximate difference between the average number of people working in Marketing and Production departments from all the organization together?
A. 578 B. 231
C. 330 D. 1156
E. 300
18. What is the respective ratio of the total number of employees working in organization A to the total number of employees working in organization E?
A. 225:233 B. 71: 75
C. 75 : 71 D. 233 : 215
E. None of these
19. What is the total number of employees from all the departments working in all the organizations together?
A. 26960 B. 28910
C. 28190 D. 29660
E. None of these
20. The number of people working in the Finance department from organization B are approximately what per cent of the total number of employees working in organization B?
A. 12 B. 15
C. 20 D. 17
E. 25
21. What will come in place of question Mark (?) in the following equations?
 $73.96 - 18.19 + 17.47 = ? + 10.91$
A. 62.33 B. 61.43
C. 56.33 D. 54.53
E. None of these
22. **Directions:** what should come in place of question mark (?) in the following questions?
 $345 + 25 \times 0.80 - 11 = ?$
A. 354 B. 666
C. 324 D. 600
E. None of these
23. **Directions:** What will come in place of question mark (?) in the following questions?
26% of 450 - ? = 12% of 150
A. 101 B. 135
C. 89 D. 99
E. None of these
24. What will come in place of question Mark (?) in the following equations?
 $36\% \text{ of } 650 - 14\% \text{ of } 560 = ?$
A. 147.6 B. 154.7
C. 149.7 D. 155.6
E. None of these
25. What will come in place of question Mark (?) in the following equations?
 $27 \times 5 + 167 - 32 = ? - 113$
A. 348 B. 382
C. 383 D. 358
E. None of these
26. What will come in place of question Mark (?) in the following equations?
 $7878 - 4545 + 5454 = ? + 4444$
A. 4334 B. 3434
C. 4242 D. 4343
E. None of these
27. **Directions:** What will come in place of question mark (?) in the following questions ?
 $264 \div \sqrt{576} + (11)^2 + 12 = (?)^2$
A. $\sqrt{12}$ B. 144
C. 12 D. $(132)^2$
E. None of these
28. **Direction:** What should come in place of the question mark (?) in the following question?
 $7960 + 2956 - 8050 + 4028 = ?$
A. 6984 B. 6884
C. 6894 D. 6954
E. None of these
29. **Directions:** What will come in place of question mark (?) in the following questions?
 $92 \times 576 \div 2\sqrt{1296} = (?)^3 + \sqrt{49}$
A. 3 B. $(9)^2$
C. 9 D. 27
E. None of these
30. What will come in place of question Mark (?) in the following equations?
 $(15)^2 - (5)^3 + \sqrt{625} + 44 = (?)^2$
A. $\sqrt{17}$ B. 17
C. $\sqrt{13}$ D. 13
E. $\sqrt{269}$
31. **Directions:** What will come in place of question mark (?) in the following questions?
64% of 750 $\div 4 = x \div 5$
A. 24 B. 48
C. 300 D. 600
E. None of these
32. **Direction:** What should come in place of the question mark (?) in the following question?
 $68 \times \sqrt{7} - 3421 = 591$
A. 3249 B. 3481
C. 3364 D. 3136
E. None of these
33. **Direction:** What value should come in place of the question mark (?) in the following equation?
 $\sqrt{18} + \sqrt{32} - \sqrt{50} = ?$
A. $2\sqrt{2}$ B. $4\sqrt{2}$
C. $3\sqrt{2}$ D. $\sqrt{2}$
E. None of these
34. **Direction:** What value should come in place of the question mark (?) in the following equation?
 $41 \times 72 \div 8 \div 3 = ?$
A. 133 B. 121
C. 113 D. 131
E. None of these

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

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 lightning 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 fiance 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 (###97###) 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