

Directions (1-25) : What should come in place of question mark (?) in the following questions?

1. $(22.4 \times 6 \times 5) + 12 - 65 = ?$
 (a) - 8 (b) 9
 (c) 17 (d) -16
 (e) None of these
2. $45 \times 2 + 3 + 31 = (?)^2$
 (a) $\sqrt{7}$ (b) $(49)^2$
 (c) - 17 (d) $-\sqrt{7}$
 (e) -7
3. $631 + 417 - 324 = ? + (9)^2$
 (a) 653 (b) 643
 (c) 563 (d) 568
 (e) None of these
4. $2\frac{1}{4} + 1\frac{1}{3} - 4\frac{1}{2} = ?$
 (a) $-1\frac{1}{12}$ (b) $\frac{11}{12}$
 (c) $-1\frac{11}{12}$ (d) $1\frac{1}{12}$
 (e) None of these
5. $\frac{4}{7} - \frac{3}{14} = \frac{2}{21} + ?$
 (a) $\frac{1}{7}$ (b) $\frac{5}{21}$
 (c) $\frac{2}{17}$ (d) $\frac{4}{21}$
 (e) None of these
6. $16 \times ? = 8736 + 6$
 (a) 79 (b) 91
 (c) 103 (d) 115
 (e) None of these
7. $10354 - 6815 - 1359 = ?$
 (a) 2270 (b) 1940
 (c) 1720 (d) 2190
 (e) None of these
8. $3.7 \times 8.2 \times 10.8 - 29.921 = ?$
 (a) 287.951 (b) 307.951
 (c) 297.751 (d) 317.951
 (e) None of these
9. $3596 + 2123 + 5472 = ?$
 (a) 11911 (b) 19111
 (c) 11119 (d) 11191
 (e) None of these
10. $\frac{3}{8}$ of $\frac{4}{5}$ of $\frac{5}{6}$ of 1150 = ?
 (a) 287.5 (b) 341.65
 (c) 312.75 (d) 267.95
 (e) None of these
11. $1\frac{2}{7} + 1\frac{1}{14} - 1\frac{3}{28} = ?$
 (a) $1\frac{1}{4}$ (b) $1\frac{2}{7}$
 (c) $1\frac{1}{7}$ (d) $1\frac{3}{14}$
 (e) None of these
12. $3353 - 7855 + 9498 = ? + 2233$
 (a) 2673 (b) 2763
 (c) 3534 (d) 3453
 (e) None of these
13. $(54.4 \times 5 \times 8) + 16 + 8 = (?)^2$
 (a) $(12)^2$ (b) $\sqrt{12}$
 (c) $2\sqrt{12}$ (d) $-\sqrt{12}$
 (e) 12
14. $\frac{7}{15}$ of $\frac{5}{12}$ of 540 = ?
 (a) 160 (b) 150
 (c) 210 (d) 105
 (e) None of these
15. $92 \times 5 + 10 + 3 = (?)^2$
 (a) $\sqrt{7}$ (b) -7
 (c) 28 (d) $(49)^2$
 (e) $(28)^2$
16. $\frac{11}{12} + \frac{15}{24} - \frac{5}{12} = ?$
 (a) $1\frac{1}{24}$ (b) $1\frac{1}{12}$
 (c) $1\frac{1}{8}$ (d) $1\frac{3}{8}$
 (e) None of these
17. 7% of 8000 - 12% of 550 = ?
 (a) 474 (b) 497
 (c) 494 (d) 449
 (e) None of these
18. 7% of 400 - $(?)^2 = 159$
 (a) 55 (b) 53

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- (c) 51 (d) 52
- (e) None of these
19. $0.2 \times 8.6 + 0.4 \times 45 = ?$
 (a) 193.5 (b) 153.9
 (c) 197.5 (d) 157.9
 (e) None of these
20. $552 - 258 + 122 = ? + (12)^2$
 (a) 278 (b) 273
 (c) 275 (d) 271
 (e) None of these
21. $8529 - (49)^2 - 125 - (9)^2 = ?$
 (a) 5994 (b) 5274
 (c) 7626 (d) 5922
 (e) None of these
22. $748 \times 362 = (520)^2 + (?)$
 (a) 382 (b) 374
 (c) 365 (d) 376
 (e) None of these
23. $1720 - 258 + 428 \times 5.5 = ?$
 (a) 3431 (b) 3716
 (c) 3816 (d) 3388
 (e) None of these
24. $1895 - 225 + 50 = ?$
 (a) 1890.5 (b) 33.4
 (c) 1880.5 (d) 34.5
 (e) None of these
25. $6432 + 16 + ? = 6$
 (a) 69 (b) 67
 (c) 63 (d) 56
 (e) None of these
26. Cost of 15 cellphone and 10 watches is ₹ 60,675/-. Find cost of 3 cellphone and 2 watches?
 (a) ₹ 18,745
 (b) ₹ 20,225
 (c) ₹ 12,135
 (d) Cannot be determined
 (e) None of these
27. ₹ 96,216 is equally divided amongst 38 persons. How much amount will each person get?
 (a) ₹ 2253 (b) ₹ 2523
 (c) ₹ 2352 (d) ₹ 2532
 (e) None of these
28. In an examination it is required to get 447 marks, to pass. A candidate secures 394 marks and fails by 5% of total marks. What is the maximum marks of the examination?
 (a) 1140
 (b) 1060
- (c) 1230
 (d) Cannot be determined
 (e) None of these
29. Sanjana invested ₹ 41,700 for 6 years at the rate of 12 p.c.p.a at S.I. How much amount will she get in 6 years?
 (a) ₹ 71,724 (b) ₹ 30,024
 (c) ₹ 56,894 (d) ₹ 43,472
 (e) None of these
30. What is 411 times of 108?
 (a) 43488 (b) 44838
 (c) 44883 (d) 43848
 (e) None of these
- Directions (31-35) :** In each of these questions a relationship is given with a question mark (?) in place of the correct symbol. Based on the values on the right hand side and the left hand side of the questions mark, you have to decide which of the following symbol will come in place of the question mark.
- Give answer if in place of question mark (?) following will come
- (a) > (greater than)
 (b) = (equal to)
 (c) < (less than)
 (d) ≥ (greater than or equal to)
 (e) ≤ (smaller than or equal to)
31. $[132 - (18 - 42)] ? [(10)^2 \times 2 - 44]$
32. $[(6 \times 7) + 15] ? [\sqrt{289} + 32]$
33. $[(63 + 7) + (44 + 11)] ? \pm [(156 - 65) + 7]$
34. $[(25 - (2)^2) \times 6] ? [6^2 \times 4 - (9 \times 2)]$
35. $-[(\sqrt{361} - \sqrt{49})] ? [\sqrt{144}]$
36. Out of the fractions $\frac{3}{8}, \frac{4}{7}, \frac{3}{10}, \frac{5}{12}$ and $\frac{8}{17}$, which is the second largest?
 (a) $\frac{3}{8}$ (b) $\frac{4}{7}$
 (c) $\frac{3}{10}$ (d) $\frac{5}{12}$
 (e) $\frac{8}{17}$
37. A bag contains 112 kg of wheat. How many bags will be required for 1568 kg of wheat.
 (a) 24 (b) 14
 (c) 19 (d) 29
 (e) None of these
38. Rinku consistently runs 415 meter everyday. In how many days he will run 4.98 Kilometer?

- (a) 16 (b) 12
(c) 22 (d) 24
(e) None of these
39. Area of a square is one-fifth of area of a rectangle. Area and length of rectangle are 1620 cm^2 and 54 cm . Find the difference between side of square and breadth of rectangle.
(a) 12 cm (b) 24 cm
(c) 25 cm (d) 15 cm
(e) None of these
40. Sum of 5 consecutive odd numbers is 125. Find sum of product of largest number and least number and second largest number.
(a) 512 (b) 535
(c) 634 (d) 636
(e) None of these
41. By selling an article for ₹ 6150 Ram loses 25%. What will be its selling price to gain 25%?
(a) 8,200
(b) 9,850
(c) 10,250
(d) cannot be determined
(e) None of these
42. Out of the fractions $\frac{3}{7}, \frac{11}{13}, \frac{6}{11}, \frac{7}{8}$ and $\frac{5}{8}$. What will be the difference of largest fraction and least fraction.
(a) $4\frac{19}{99}$ (b) $11\frac{5}{63}$
(c) $\frac{37}{40}$ (d) $\frac{25}{36}$
(e) None of these
43. Mayank secures 54 marks in Hindi, 44 marks in Science, 58 marks in Sanskrit, 46 marks in Maths and 42 marks in English. Maximum marks for each subject is 60. Find approximately overall percentage of marks scored by Mayank.
(a) 72 (b) 87
(c) 68 (d) 75
(e) None of these
44. 6 women can finish a work in 10 days, while 6 boys can finish same work in 20 days. How many days will it take 2 women and 8 boys to finish the same work?
(a) 6 days (b) 10 days
(c) 8 days (d) 4 days
(e) None of these
45. Difference of 25% and 15% of same number is 144. Find 40% of same number.
(a) 180 (b) 174
(c) 162 (d) 158
(e) None of these
46. By investing ₹ 5000 at C.I. how much amount will Ravi get in 2 years?
(a) ₹ 5511.5 (b) ₹ 5312.5
(c) ₹ 5542.5 (d) ₹ 5512.5
(e) None of these
47. What approximate value will come in place of question mark (?)
 $5621 \div 69 \times (12)^2 - 105 = ?$
(a) 11900 (b) 11625
(c) 13425 (d) 10400
(e) 16325
48. Cost of 12 pen and 5 pencil is ₹ 111. Cost of one pencil is ₹ 5 less than cost of one pen. Then find the cost of 9 pen and 8 pencil.
(a) ₹ 89 (b) ₹ 97
(c) ₹ 91 (d) ₹ 78
(e) None of these
49. What least number must be subtracted from 6738 to make it a perfect square number?
(a) 14 (b) 16
(c) 24 (d) 36
(e) None of these
50. Ratio of present age of Ravi and Binay is 7 : 15. In 2 years age of Binay will be twice the age of Ravi. What was the difference of their ages 5 years earlier?
(a) 13 years (b) 16 years
(c) 11 years (d) 18 years
(e) None of these