



spardhaguru2022



Spardhaguru Current affairs



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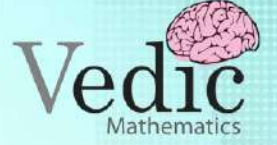
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1) A sum of money is to be distributed among A, B, C, D in the proportion of 5 : 2 : 4 : 3. If C gets Rs. 1000 more than D, what is B's share?

- a) Rs. 500 b) Rs. 1500
c) Rs. 2000 d) None of these

2) A and B together have Rs. 1210. If $\frac{4}{15}$ of A's amount is equal to $\frac{2}{5}$ of B's amount, how much amount does B have?

- a) Rs. 460 b) Rs. 484
c) Rs. 550 d) Rs. 664

3) Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is:

- a) 2 : 5 b) 3 : 5
c) 4 : 5 d) 6 : 7

4) Salaries of Ravi and Sumit are in the ratio 2 : 3. If the salary of each is increased by Rs. 4000, the new ratio becomes 40 : 57. What is Sumit's salary?

- a) Rs. 17,000 b) Rs. 20,000
c) Rs. 25,500 d) Rs. 38,000

5) If $0.75 : x :: 5 : 8$, then x is equal to:

- a) 1.12 b) 1.2
c) 1.25 d) 1.30

6) If Rs. 782 be divided into three parts, proportional to $\frac{1}{2} : \frac{2}{3} : \frac{3}{4}$, then the first part is:

- a) Rs. 182 b) Rs. 190
c) Rs. 196 d) Rs. 204

7) The fourth proportional to 5, 8, 15 is:

- a) 18 b) 24
c) 19 d) 20

8) Two number are in the ratio 3 : 5. If 9 is subtracted from each, the new numbers are in the ratio 12 : 23. The smaller number is:

- a) 27 b) 33
c) 49 d) 55

9) Find the fourth proportion to 2,3,6

- a) 18 b) 12
c) 9 d) 4

10) If $2 : 9 :: x : 18$, then find the value of x

- a) 2 b) 3
c) 4 d) 6

11) Rs. 120 are divided among A, B, C such that A's share is Rs. 20 more than B's and Rs. 20 less than C's. What is B's share

- a) Rs 10 b) Rs 20
c) Rs 24 d) Rs 28

12) In a college, the ratio of the number of boys to girls is 8 : 5. If there are 200 girls, the total number of students in the college is

- a) 420 b) 520
c) 620 d) 720

13) Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is

- a) 2:5 b) 3:5
c) 4:5 d) 6:5

14) In a mixture 60 litres, the ratio of milk and water 2 : 1. If the this ratio is to be 1 : 2, then the quantity of water to be further added is

- a) 20 liters b) 30 liters
c) 50 liters d) 60 liters

15) If three numbers in the ratio 3 : 2 : 5 be such that the sum of their squares is 1862, the middle number will be

- a) 10 b) 14
c) 18 d) 22





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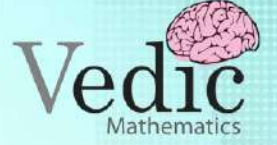
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16) A dog takes 3 leaps for every 5 leaps of a hare. If one leap of the dog is equal to 3 leaps of the hare, the ratio of the speed of the dog to that of the hare is

- a) 4:5 b) 9:5
c) 8:5 d) 9:2

17) Price of Article-1 and Article-2 are Rs. 3750 and Rs. 6000 respectively. Price of Article-1 increases by 36% and that of Article-2 decreases by 12.5%, then the ratio of the new prices of Article-1 and Article-2 is?

- a) 20 : 21 b) 41 : 42
c) 34 : 35 d) 4 : 5

18) There are only Rs. 1 and 50 paise coins in a bag. If the total amount in the bag is Rs. 63 and the ratio of Rs. 1 and 50 paise coins is 2 : 3, then what is the total number of 50 paise coins?

- a) 48 b) 32
c) 56 d) 54

19) The ratio of two numbers is 2 : 3. If the first number is increased by 20% and second number is decreased by 20%, then the sum of number becomes 96. Find the sum of original numbers

- a) 100 b) 120
c) 140 d) 150

20) A sum of money is to be distributed among A, B and C in the ratio of 3 : 4 : 8. If C gets Rs 800 more than A, then what is the share of B?

- a) Rs 540 b) Rs 500
c) Rs 640 d) Rs 750

21) The ratio of the numerical value of a rectangle's area to its perimeter is 60 : 11. If the length and breadth of the rectangle are in the ratio 6 : 5. Find the length of the rectangle.

- a) 40 units b) 30 units
c) 13 units d) 24 units

22) The price of two articles are in the ratio of 4 : 3 respectively. The price of first article is increased by 50% and the price of second article is decreased by 10%. If the new price of second article is ₹54, then what was the original price of first article?

- a) ₹ 120 b) ₹ 80
c) ₹ 100 d) ₹ 90

23) A bag contains 50 P, 25 P and 10 P coins in the ratio 5: 9: 4, amounting to Rs. 206. Find the number of coins of each type respectively.

- a) 360, 160, 200 b) 160, 360, 200
c) 200, 360, 160 d) 200, 160, 300

24) A sum of Rs.312 was divided among 100 boys and girls in such a way that the boy gets Rs.3.60 and each girl Rs. 2.40 the number of girls is

- a) 35 b) 40
c) 45 d) 50

25) The compounded ratio of (2 : 3), (6: 11) and (11 :2) is

- a) 1:2 b) 2:1
c) 11:24 d) 36:121

