



spardhaguru2022



Spardhaguru Current affairs



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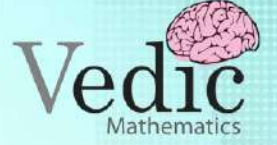
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76) Income and expenditure of a person are in the ratio 5 : 4. If the income of the person is Rs. 18000, then find his savings.

- a) Rs. 3600 b) Rs. 3200
c) Rs. 3000 d) Rs. 3400

77) Find the numbers which are in the ratio 3 : 2 : 4 such that the sum of the first and the second added to the difference of the third and the second is 21 ?

- a) 12, 8, 16 b) 6, 4, 8
c) 9, 6, 24 d) 9, 6, 12

78) Some pens are divided among A, B, C and D. A gets twice the number of pens that B gets. C gets the same number of pens as D gets. If A gets 25 pens more than D and the ratio of the number of pens that B and C get is 2 : 3, then find the number of pens that D gets ?

- a) 100 b) 50
c) 75 d) 25
e) None of these.

79) If $a : b : c = 2 : 3 : 4$ and $2a - 3b + 4c = 33$, then the value of c is

- a) 12 b) $\frac{66}{7}$
c) 9 d) 6

80) If $a : b = c : d = e : f = 1 : 2$, then $(3a + 5c + 7e) : (3b + 5d + 7f)$ is equal to

- a) 1 : 4 b) 1 : 2
c) 2 : 1 d) 8 : 7

81) If $a : b = c : d$, then $\frac{ma+nc}{mb+nd}$ is not equal to

- a) $\frac{a+c}{b+d}$ b) $\frac{c-a}{b-d}$
c) $\frac{c}{d}$ d) $\frac{a}{b}$

82) If $a : b = 5 : 7$ and $c : d = 2a : 3b$, then $ac : bd$ is :

- a) 10 : 21 b) 50 : 151
c) 50 : 147 d) 20 : 38

83) The ratio of A to B is 4 : 5 and that of B to C is 2 : 3. If A equals 800, C equals

- a) 1500 b) 2000
c) 1200 d) 1000

84) If two times of A is equal to three times of B and also equal to four times of C, then A : B : C is

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

85) The ratio $2^{1.5} : 2^{0.5}$ is the same as :

- a) 6 : 1 b) 3 : 2
c) 3 : 1 d) 2 : 1

86) If $a : b : c = 7 : 3 : 5$, then $(a + b + c) : (2a + b - c)$ is equal to

- a) 3 : 4 b) 5 : 4
c) 2 : 3 d) 1 : 2

87) 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

88) A ratio equivalent of 2 : 3 is

- a) 4 : 3 b) 2 : 6
c) 6 : 9 d) 10 : 9

89) The angles of a triangle are in the ratio 1 : 2 : 3. The measure of the largest angle is

- a) 30° b) 60°
c) 90° d) 120°

90) Two numbers are in the ratio 7 : 9. If the sum of the numbers is 112, then the larger number is

- a) 63 b) 42
c) 49 d) 72





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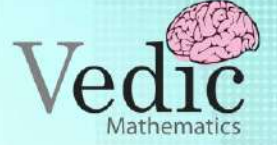
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91) Two ratio 384 : 480 in its simplest form is

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

92) If A, B, C, divide Rs 1200 in the ratio 2 : 3 : 5, then B's share is

- a) Rs 240 b) Rs 600
c) Rs 380 d) Rs 360

93) If a bus travels 126 km in 3 hours and a train travels 315 km in 5 hours, then the ratio of their speeds is

- a) 2 : 5 b) 2 : 3
c) 5 : 2 d) 25 : 6

94) The ratio of male and female employees in a multinational company is 5 : 3. If there are 115 male employees in the company, then the number of female employees is

- a) 96 b) 52
c) 69 d) 66

95) Length and width of a field are in the ratio 5 : 3. If the width of the field is 42 m, then its length is

- a) 50 m b) 70 m
c) 80 m d) 100 m

96) If $57 : x = 51 : 85$, then the value of x is

- a) 95 b) 76
c) 114 d) None of these

97) The ratio of boys and girls in a school is 12 : 5. If there are 840 girls in the school, then the number of boys is

- a) 1190 b) 2380
c) 2856 d) none of these

98) If 4, a, a, 36 are in proportion, then a =

- a) 24 b) 12
c) 3 d) 24

99) If $5 : 4 :: 30 : x$, then the value of x is

- a) 24 b) 12
c) $\frac{3}{2}$ d) 6

100) If a, b, c, d are in proportion, then

- a) $ab = cd$ b) $ac = bd$
c) $ad = bc$ d) None of these

