



spardhaguru2022



Spardhaguru Current affairs



Spardhaguru1



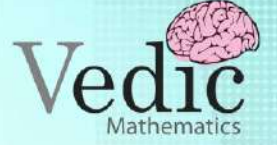
SpardhaGuru



Spardha.guru



www.spardha.guru



51)  $1:3 = 1\frac{2}{3}:x$ . The value of x is?

- a) 1                      b) 3  
c)  $4\frac{1}{6}$                   d) 5

52) What number has a 5:1 ratio to the number 10?

- a) 42                      b) 50  
c) 55                      d) 62

53) . If  $a:b = 7:5$ ,  $b:c = 9:11$ , find  $a:b:c$ ?

- a) 63:14:55              b) 63:45:55  
c) 14:14:15              d) 7:14:15

54) The inverse ratio of 3:2:1 is?

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

55) The third proportional to 1 and 2 is?

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

56) The ratio of two numbers is 2:3 and the sum of their cubes is 945. The difference of number is?

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

57) The ratio of the number of ladies to gents at a party was 1:2 but when 2 ladies and 2 gents left, the ratio became 1:3. How many people were at the party originally?

- a) 36                          b) 24  
c) 12                          d) 6

58) A, B and C play a cricket match. The ratio of the runs scored by them in the match is  $A:B = 2:3$  and  $B:C = 2:5$ . If the total runs scored by all of them are 75, the runs scored by B are?

- a) 15                          b) 18  
c) 21                          d) 24

59) Rs.160 contained in a box consists of one rupee, 50 paise and 25 paise coins in the ratio 4:5:6. What is the number of 25 paise coins?

- a) 100                      b) 115  
c) 120                      d) 110

60) The compound ratio of 5:6, 3:2 and 4:5?

- a) 12:13                      b) 1:4  
c) 1:5                          d) 1:1

61) Two numbers are in the ratio 3:5. If 9 be subtracted from each, they are in the ratio of 9:17. The first number is:

- a) 36                          b) 27  
c) 18                          d) 30

62) The simple form of the ratio  $\frac{2}{3}:\frac{2}{5}$  is?

- a) 10:6                      b) 6:10  
c) 3:5                          d) 5:3

63) Two numbers are in the ratio of 5:7. If 25 be subtracted from each, they are in the ratio of 35:59. Find the numbers?

- a) 55,77                      b) 45,63  
c) 40,56                      d) 60,84

64) Rs. 1300 is divided into three parts A, B and C. How much A is more than C if their ratio is  $\frac{1}{2}:\frac{1}{3}:\frac{1}{4}$ ?

- a) Rs.100                      b) Rs.200  
c) Rs.300                      d) Rs.600

65) Divide Rs.32000 in the ratio 3:5?

- a) 12000, 20000              b) 18000, 14000  
c) 30000, 2000              d) 10000, 22000

66) The incomes of two persons A and B are in the ratio 3:4. If each saves Rs.100 per month, the ratio of their expenditures is 1:2. Find their incomes?

- a) 100, 200                      b) 200, 300  
c) 150, 200                      d) 250, 300







spardhaguru2022



Spardhaguru Current affairs



Spardhaguru1



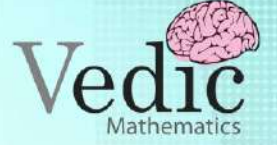
SpardhaGuru



Spardha.guru



www.spardha.guru



67) 55. A bag contains a certain number of 50 paise coins, 20 paise coins and 10 paise coins in the ratio 2:3:4. If the total value of all the coins in the bag is Rs.400, find the number of coins of each kind?

a) 50p coins = 400

20p coins = 600

10p coins = 800

b) 50p coins = 300

20p coins = 700

10p coins = 200

c) 50p coins = 800

20p coins = 400

10p coins = 200

d) 50p coins = 400

20p coins = 500

10p coins = 300

68) 125 liters of a mixture of milk and water contains in the ratio 3:2. How much water should now be added so that the ratio of milk and water becomes 3:4?

a) 20 liters

b) 30 liters

c) 40 liters

d) 50 liters

69) Amar, Bhavan and Chetan divide an amount of Rs.5600 among themselves in the ratio 3:6:5. If an amount of Rs.400 is deducted from each of their shares, what will be the new ratio of their shares of the amount?

a) 4:7:6

b) 1:4:3

c) 2:5:4

d) 5:11:9

70) 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

71) 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

72) 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

73) There are two positive numbers in the ratio 5 : 8. If the larger number exceeds the smaller by 15, then find the smaller number?

a) 25

b) 30

c) 20

d) 35

74) Amar, Bhavan and Chetan divide an amount of Rs. 5600 among themselves in the ratio 3 : 6 : 5. If an amount of Rs. 400 is deducted from each of their shares, what will be the new ratio of their shares of the amount?

a) 4 : 7 : 6

b) 1 : 4 : 3

c) 2 : 5 : 4

d) 5 : 11 : 9

75) Three numbers are in the ratio 5 : 6 : 7. The sum of its longest and smallest numbers equals the sum of the third number and 48. Find the third number?

a) 36

b) 42

c) 48

d) 54

