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PERCENTAGE

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PERCENTAGE

Q.1) If 20% of a = b, then b% of 20 is the same as?
*a) 4% of a
b) 6% of a
c) 8% of a
d) 10% of a
e) None of these

Q.2) The population of a town increased from 1,75,000 to 2,62,500 in a decade. The average percent increase of population per year is?
a) 4.37%
*b) 5%
c) 6%
d) 8.75%
e) None of these

Q.3) Two friends, Akash & Beenu had some candies each. One of them had 15 candies more than the other. The candy with Akash was 60% of the total candies with them. How many candies did each have?
a) 40, 25
b) 47, 32
*c) 45, 30
d) 49, 34
e) None of these

Q.4) A fruit seller had some oranges. He sells 30% oranges and still has 140 mangoes. Originally, he had?
a) 288 oranges
b) 300 oranges
c) 672 oranges
*d) 200 oranges
e) None of these

Q.5) Two numbers A and B are such that the sum of 5% of A and 4% of B is two-third of the sum of 6% of A and 8% of B. Find the ratio of A : B?
a) 2 : 3
b) 1 : 1
c) 3 : 4
*d) 4 : 3
e) None of these

Q.6) A student has to obtain 33% of the total marks to pass. He got 125 marks and failed by 40 marks. The maximum marks are?
*a) 500
b) 600
c) 800
d) 1000
e) None of these

Q.7) In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was:
*a) 2700
b) 2900
c) 3000

d) 3100
e) None of these

Q.8) Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are:
a) 39, 30
b) 41, 32
*c) 42, 33
d) 43, 34
e) None of these

Q.9) A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had?
a) 588 apples
b) 600 apples
c) 672 apples
*d) 700 apples
e) None of these

Q.10) If the price of a book is first decreased by 25% and then increased by 20%, then the net change in the price will be?
*a) 10%
b) 20%
c) 30%
d) 40%
e) None of these

Q.11) The population of a town was 1,60,000 three years ago, If it increased by 3%, 2.5% and 5% respectively in the last three years, then the present population in?
a) 155679
b) 167890
c) 179890
*d) 177366
e) None of these

Q.12) If x is 80% of y, then what percent of 2x is y?
a)65.5 %
b)64.5 %
c) 63.5 %
*d) 62.5 %
e) None of these

Q.13) If 75% of a number is added to 75, then the result is the number itself. The number is?
a)100
b)200
*c)300
d)400
e) None of these

Q.14) Three candidates, Ajay, Bijoy & Chandu contested an election and received 1800, 3300 and votes 3900 respectively. What percent of the total votes did Ajay get?
*a) 20%
b) 40%
c) 45%
d) 70%

e) None of these

Q.15) The difference of two numbers is 20% of the larger number, if the smaller number is 20, then the larger number is?
a)15
*b) 25
c) 35
d) 45
e) None of these

Q.16) The difference between a number and its two-fifth is 510. What is 10% of that number?
a) 75
*b) 85
c) 95
d)105
e) None of these

Q.17) A teacher says, 15% of first number is equal to 21% of the second number. So, 18% of first number will be what percent of second number?
a) 18%
b) 20%
c) 24%
*d) 25.2%
e) None of these

Q.18) Two candidates contested an election. The losing candidate got 40% votes and lost by 2000 votes. Find the total number of votes cast?
a) 5000
b) 8000
*c) 10000
d) 20000
e) None of these

Q.19) Present population of a city is 60,000. It increases at the rate of 10%. Find the population of the city after 4 years?
a) 65,550
b) 80,500
*c) 87,846
d) 88,550
e) None of these

Q.20) If the numerator of a fraction is increased by 150% and the denominator of the fraction is increased by 350%, the resultant fraction is 25/51. What is the original fraction?
a) 31/25
*b) 15/17
c) 14/25
d) 11/16
e) None of these

Q.21) If 15% of x = 20% of y, then x:y is _____?
*a) 4:3
b) 5:4
c) 4:5
d) 3:4

e) None of these

Q.22) The difference between two numbers is 1550. If 8 % of one number is 10 % of the other number, then find the two numbers?
a) 4973, 6523
b) 5450, 7000
*c) 6200, 7750
d) 6500, 4950
e) None of these

Q.23) The price of the article is reduced by 25% but the daily sale of the article is increased by 30%. Find the net effect of the daily sell receipt?
*a) 2.5% decrease
b) 3% increase
c) 1.5% decrease
d) 2.5% increase
e) None of these

Q.24) 80% of a smaller is 4 less than 40% of larger number. The larger number is 85 greater than the smaller one. What is the sum of these two numbers?
a) 180
b) 220
*c) 235
d) 200
e) None of these

Q.25) Two-fifth of one-third of three seventh of a number is 15.What is 40% of that number?
a)501
*b)105
c)525
d)150
e) None of these