



spardhaguru2022



Spardhaguru Current affairs



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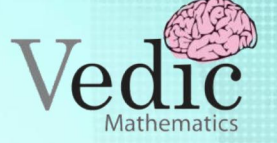
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1) If a number x is 10% less than another number y and y is 10% more than 125, then x is equal to :

- a) 140.55 b) 150
c) 123.75 d) 143

2) Which number is 40% less than 90 ?

- a) 50 b) 36
c) 60 d) 54

3) How much $66\frac{2}{3}\%$ of Rs. 312 exceeds Rs. 200?

- a) Rs. 8 b) Rs. 96
c) Rs. 104 d) Rs. 4

4) x is 5 times longer than y . The percentage by which y is less than x is :

- a) 80% b) 50%
c) 70% d) 40%

5) The difference of two numbers is 20% of the larger number. If the smaller number is 20, the larger number is :

- a) 50 b) 25
c) 80 d) 45

6) The percentage change in a number when it is first decreased by 10% and then increased by 10% is

- a) 0.1 % decrease b) 0.1 % increase
c) No changes d) 1 % decrease

7) A's income is 25% more than B's income. B's income is what per cent of A's income ?

- a) 50 b) 80
c) 25 d) 75

8) Evaluate : 28% of 450 + 45% of 280

- a) 252 b) 256
c) 245 d) 238

9) Evaluate : $16\frac{2}{3}\%$ of 600 gm - $33\frac{1}{3}\%$ of 180 gm

- a) 48gm b) 45gm
c) 40gm d) 38gm

10) 2 is what percent of 50 ?

- a) 2% b) 4%
c) 5% d) 8%

11) $\frac{1}{2}$ is what percent of $\frac{1}{3}$?

- a) 50% b) 100%
c) 125% d) 150%

12) What percent of 8 is 64 ?

- a) 120% b) 130%
c) 800% d) 1300%

13) What percent of 2 metric tones is 40 quintals ?

- a) 100% b) 120%
c) 180% d) 200%





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14) What percent of 6.5 litres is 130 ml?

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

- a) 34% b) 0.34%
c) 0.034% d) .32%

15) If the sales tax reduced from $3\frac{1}{2}\%$ to $3\frac{1}{3}\%$, then what difference does it make to a person who purchases an article with market price of Rs. 8400 ?

- a) 10 b) 12
c) 14 d) 19

16) An inspector rejects 0.08% of the meters as defective. How many will be examine to project ?

- a) 2500 b) 2789
c) 3456 d) 1234

17) Sixty five percent of a number is 21 less than four fifth of that number. What is the number ?

- a) 123 b) 140
c) 156 d) 234

18) Difference of two numbers is 1660. If 7.5% of the number is 12.5% of the other number , find the number ?

- a) 3456 b) 4156
c) 4150 d) 5678

19) In expressing a length 810472 km as nearly as possible with three significant digits , find the percentage error.

20) Shobha's mathematics test had 75 problems i.e.10 arithmetic, 30 algebra and 35 geometry problems. Although she answered 70% of the arithmetic ,40% of the algebra, and 60% of the geometry problems correctly. she did not pass the test because she got less than 60% of the problems right. How many more questions she would have to answer correctly to earn 60% of the passing grade?

- a) 8 b) 6
c) 7 d) 5

21) At an election, where there are two candidates only, a candidate who gets 43 per cent of the votes is rejected by a majority of 420 votes. Then total number of votes recorded assuming that there was no void vote are

- a) 2700 b) 2800
c) 3200 d) None of these

22) A man sells sugar to a tradesman at a profit of 20% but the tradesman becoming bankrupt pays only 80 paise in the rupee. How much percentage does the man gain or lose by his sale?

- a) 2.5% b) 3%
c) 4% d) 5.2%





23) A camera costing 2550 is marked to be sold at a price, which gives a profit of 30%. What will be its selling price in a sale when 20% is taken off the marked price?

- a) Rs.600 b) Rs.572
c) Rs.35 d) Rs.605

24) If 8% of $x = 4\%$ of y , then 20% of x is :

- a) 10% of y b) 16% of y
c) 40% of y d) 80% of y

25) : In a village 30% of the population is literate. If the total population of the village is 6600, then the number of illiterate :

- a) 1980 b) 4620
c) 2200 d) 3280

26) : In a big garden, 60% of the trees are coconut trees, 25% of the number of coconut trees are mango trees and 20% of the number of mango trees are apple trees. If the number of apple trees are 1500, then the number of trees in the garden is :

- a) 48000 b) 50000
c) 51000 d) 45000

27) The population of a village is 25,000. One fifth are females and the rest are males. 5% of males and 40% of females are uneducated. What percentage of the whole are educated?

- a) 75% b) 88%
c) 55% d) 85%

28) If 125% of x is 100, then x is :

- a) 80 b) 150
c) 400 d) 125

29) A team played 40 games in a season and won in 24 of them. In what per cent of games played did the team win?

- a) 70% b) 40%
c) 60% d) 35%

30) The time duration of 1 hour 45 minutes is what per cent of a day?

- a) 7.218% b) 7.292%
c) 8.3% d) 8.24%

