



PERCENTAGE _QUESTION

1. The population of a city increases at the rate of 15% per annum. If its population was 4000 at the end of year 2013, then what will be its population at the end of year 2015?
(A) 5290
(B) 4880
(C) 5180
(D) 5240
2. The cost price of a car is ₹3200000. If its price decreases by 20% every year, then what will be the cost of car after 3 year?
(A) ₹1648400
(B) ₹1636400
(C) ₹1664400
(D) ₹1638400
3. Radha secured 60% marks in Hindi, 90% in English and 80% in Maths as well as in science. What were her total marks, if the maximum marks obtainable in each of these 4 subjects was 50?
(A) 115
(B) 150
(C) 125
(D) 155
4. The population of a town increased from 100000 to 250000 in a decade. What is the average percent increase of population per year?
(A) 10%
(B) 15%
(C) 150%
(D) None of these
5. Starting with 8000 workers, the company increases the number of workers by 5%, 10% and 20% at the end of first, second and third year respectively. The number of workers in the fourth year was:
(A) 10188
(B) 11088
(C) 11008
(D) 11808
6. Monika spends 72% of her income. If her income increases by 20% and savings increase by 25%, then her expenditure increases by:
(A) 19.45%
(B) 17.95%
(C) 18.55%
(D) 18.05%
7. A's salary was decreased by 50% and subsequently increased by 50%. How much per cent does he lose?
(A) 25%
(B) 50%
(C) $12\frac{1}{2}\%$
(D) No loss
8. Two successive price increases of 10% and 10% of an article are equivalent to a single price increase of:
(A) 19%
(B) 20%
(C) 21%
(D) 22%
9. A man spends 60% of his income. His income is increased by 20% and his expenditure also increased by 20%, then find the percentage increase in its saving.
(A) 30%
(B) 25%
(C) 24%
(D) 20%
10. Out of his total income, Ajit Yadav spends 20% on house rent and 70 % of the rest on house hold expenses. If he saves ₹ 7200, then what is his total income?
(A) ₹ 36000
(B) ₹ 30000
(C) ₹ 32000
(D) ₹ 24000



11. 15 litres of a mixture contains 20% alcohol and the rest water. If 3 litres of water is mixed in it, then what will be the percentage of alcohol in the new mixture?
(A) 15%
(B) 20%
(C) 25%
(D) $16\frac{2}{3}\%$
12. In an election between two candidates A and B, A got 65% of the total votes cast and won the election by 2748 votes. Find the total number of votes cast if no vote is declared invalid.
(A) 9160
(B) 9260
(C) 9060
(D) 9360
13. In an election, a candidate secures 35% of the votes but is defeated by the only other candidate by a majority of 21000 votes. Find the total number of votes recorded.
(A) 70000
(B) 149000
(C) 147000
(D) 153000
14. If the price of pen is reduced by 25%, a person can buy 2 more pens for a rupee. How many pens are available for a rupee?
(A) 2
(B) 6
(C) 4
(D) 8
15. Due to reduction of 20% in price of rice, a customer purchases 5 kg more rice for Rs. 200, then what is the original price and reduced (new) price of rice per kg?
(A) 10.5 & 8
(B) 10 & 9
(C) 10 & 8
(D) 9 & 10.5
16. A reduction of 20% in the price of salt enabled a purchaser to obtain 4 kg more for Rs. 100. The reduced price of salt per kg is:
(A) Rs. 4
(B) Rs. 5
(C) Rs. 6.25
(D) Rs. 6.50
17. A man working hours per day were increased by 20% and his daily wages were increased by 30%. By how much percent were his daily earnings were increased?
(A) 50%
(B) 44%
(C) 60%
(D) 56%
18. When the price of cloth was reduced by 25%, the quantity of cloth sold increased by 20%. What was the effect on gross receipt of the shop?
(A) 5% increase
(B) 5% decrease
(C) 10% increase
(D) 10% decrease
19. If each edge of a cube is increased by 50%, the percentage increase in its surface area is:
(A) 84%
(B) 125%
(C) 75%
(D) 100%
20. In a class, $83\frac{1}{3}\%$ of the number of students are girls and the rest are boys. If 60% of the number of boys and 80% of the number of girls are present, then what percentage of the total number of students in the class is absent?
(A) $23\frac{1}{3}\%$
(B) $28\frac{2}{3}\%$
(C) $26\frac{2}{3}\%$
(D) $26\frac{1}{3}\%$