

(Q) PERCENTAGE [25 QUESTIONS] (1)

1. A reduction of 20% in the price of rice enables a housewife to buy 5kg more for rupees 1200. The reduced price per kg of rice.

- (a) 36 (b) 45 (c) 48 (d) 60

2. The population of a village has increased annually at the rate of 20%. If at the end of 3 years it is 21600; the population in the beginning of the first year?

- (a) 10,000 (b) 12,500 (c) 15,000 (d) 17,500

3. 12% of the Voters in an election did not cast their votes. In this election there are only two candidates. The Winner by obtaining 45% of the ~~the~~^{Casted} Voters and defeated his rival by 2000 votes. The total number of votes in the election.

- (a) 50000 (b) 75000 (c) 100000 (d) 125000

4. A number is first decreased by 25%. The decreased number is then increased by 20%. The resulting number is less than the Original number by 40. Then the Original number is :-

- (a) 100 (b) 200 (c) 300 (d) 400

(1) PERCENTAGE :- <2>

5. The number of seats in a Cinema hall is decreased by 8% and also the price of the ticket is increased by 4%. What is the effect on the Revenue Collected?

- (a) increase 4.32% (b) decrease 4.32%
(c) increase 3.32% (d) decrease 3.32%

6. A man spends 60% of his income. His income is increased by 20% and his expenditure also increases by 10%. Find the percentage increase in his saving?

- (a) 10% (b) 15% (c) 20% (d) 35%

7. Weights of two friends A and B are in the ratio of 1:2. A's Weight increases by 20% and the total weight of A and B together becomes 60kg; With an increase of 30%. By what percent the weight of B increase?

- (a) 30% (b) 35% (c) 40% (d) 45%

8. When the price of rice is increased by 30%; a family reduces its consumption such that the expenditure is only 20% more than before. If 50 kg of rice is consumed by family before; then find the new consumption of family (approx).

- (a) 43 kg (b) 44 kg (c) 45 kg (d) 46 kg

(1) PERCENTAGE :-

(3)

9. A Vendor Sells 50% of the apples he had and throws away 20% of the remainder. Next day he Sells 60% of the remainder and throws away the rest. What percent of his apples does the Vendor throw?

- (a) 20% (b) 22% (c) 24% (d) 26%

10. In a Library; 30% of the books are in History. 50% of the remaining are in English and 40% of the remaining are in German. The remaining 4200 books are in Regional languages. What is the total number of books in library?

- (a) 10000 (b) 15000 (c) 20000 (d) 25000

11. The population of a town is 15000. It increases by 10% in the first year and 20% in the second year. But in the third year it decreases by 10%. What will be the population after 3 years?

- (a) 16820 (b) 15820 (c) 17820 (d) 19820

12. 2000 Sweets needed to be distributed equally among the School students in such a way that each student gets Sweet equal to 20% of total students. Then the number of sweets; each student gets.

- (a) 50 (b) 100 (c) 120 (d) 150

(1) PERCENTAGE :- <9>

13. A solution contains 10% of salt by weight. On evaporation 15 litre of water evaporates and now concentration of salt becomes 20% percent. Find the initial quantity of solution.

- (a) 20 ltr (b) 30 ltr (c) 40 ltr (d) 50 ltr

14. A student has to get 40% marks to pass an examination. He got 60 marks but fails by 20 marks. Find the maximum marks of the examination.

- (a) 150 (b) 200 (c) 300 (d) 400

15. If the price of an article is increased by 15%; then by how much the household should decrease their consumption so as to keep his expenditure same.

- (a) $13\frac{1}{23}\%$ (b) $13\frac{2}{23}\%$ (c) $11\frac{1}{23}\%$ (d) $11\frac{2}{23}\%$

16. Pankaj gave 50% of the amount to Akash. Akash in turn gave two-fifth of the amount to Venus. After paying a bill of ₹ 500; Venus now have ₹ 8000 left with him. Find the initial amount held by Pankaj?

- (a) 41500 (b) 42500 (c) 43500 (d) 44500

(1) PERCENTAGE :- (5)

17. A's Salary is 40% more than B's. B's Salary is 30% less than C. If the difference between the Salary of C and A is ₹ 12,000; then What is the monthly income of C.
(a) ₹ 50,000 (b) ₹ 60,000 (c) ₹ 70,000 (d) ₹ 80,000

18. 40% of the students like Mathematics; 50% like English and 10% like both Mathematics and English. What percent of the students like neither English nor Mathematics.
(a) 25% (b) 10% (c) 20% (d) 60%

19. A watermelon Weighing 20kg Contains 96% of water by weight. It is put in Sun for some time and some water evaporates so that now it contains Only 95% of water by weight. The new weight of Watermelon would be ?
(a) 17 kg (b) 15 kg (c) 18.5 kg (d) 16 kg

20. If the price of Wheat is reduced by 2%. How many kilograms of Wheat a person can buy with the same money which was earlier sufficient to buy 49 kg of Wheat ?
(a) 58 kg (b) 60 kg (c) 52 kg (d) 50 kg

(0) PERCENTAGE :- (6)

21. There are 5000 students in a school. The next year it was found that the number of boys and girls increased by 10% and 15% respectively making the total number of students in school as 5600. Find the number of girls originally in the school?

- (a) 4500 (b) 2000 (c) 3000 (d) 4000

22. If x is 20% more than y ; then by what percent y is smaller than x .

- (a) $16\frac{2}{3}\%$ (b) $13\frac{1}{3}\%$ (c) $15\frac{1}{3}\%$ (d) $15\frac{2}{3}\%$

23. In an alloy; there is 15% of brass; to get 90 kg of brass; how much alloy is needed?

- (a) 400 kg (b) 500 kg (c) 600 kg (d) 700 kg

24. In an election the votes between the winner and loser candidate are in the ratio 5:1. If total number of eligible voters are 1000; out of which 12% did not cast their vote and among the remaining vote 10% declared invalid. What is the number of votes the winner candidate get?

- (a) 620 (b) 630 (c) 640 (d) 660

25. The income of a person is 10,000 and its expenditure is 6000. In the next year his income is increased by 10% and its expenditure increased by 20%. Now his savings is what percent lower than the previous saving.

- (a) 5% (b) 7.5% (c) 10% (d) 15%