

PERCENTAGE

Q1. 72% of 16.67 is

- (a) 10 (b) 11 (c) 12 (d) 24

Q2. If boys make up 65% of a class that has 28 girls, the total strength of the class is

- (a) 72 (b) 80 (c) 96 (d) 100

Q3. 80% of a number when added to 80, is equal to that number. Find the 50% of that number.

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

Q4. A man spends 10% of his income on food and 80% of the remaining income on clothing. If he still has a balance of Rs. 180. What is his total income?

- (a) 500 (b) 800 (c) 1000 (d) 1500

Q5. 80% of the students are boys in a school of strength 100. Due to bad performance, some boys left the school, so that now boys constitute 50% of the total students. How many boys left the school?

- (a) 60 (b) 50 (c) 48 (d) 20

Q6. Vino bought some mangoes of which 13 % of them were rotten. He sold 75% of the remaining and was left 522. How many mangoes did he have originally?

- (a) 2400 (b) 1800 (c) 1200 (d) 1000

Q7. In an election contest between A and B, A wins by a margin of 220 votes. If A gets 60% of the total votes, total votes are

- (a) 880 (b) 990 (c) 1000 (d) 1100

Q8. The length of a rectangle is increased by 20% whereas breadth is decreased by 10%. Find the change in perimeter of the rectangle?

- (a) Increase by 20% (b) decrease by 20% (c) increase by 10% (d) none of these

Q9. The price of LPG gas is decreased by 30% and so a person increased his consumption by 25%. What percent is the rise or fall in the expenditure incurred by him on LPG?

- (a) Rise by 9% (b) Fall by 9% (c) Rise by 13% (d) Fall by 13%

Q10. Electricity Tax is increased by 20% but its consumption is decreased by 20%. Then, the increase or decrease in the expenditure of the money is

- (a) 5% decrease (b) 4% increase (c) 4% decrease (d) No change

Q11. A's salary is 20% more than B. B's salary is 10% less than C. is A's salary is 1080. Find the salary of C

- (a) 800 (b) 1000 (c) 900 (d) 1200

Q12. Difference of 9% of a number and 5% of other number is equal sum of 8% of first number and 7% of second number. Find the ratio of two numbers?

- (a) 1:12 (b) 12:1 (c) 3:4 (d) 4:3

Q13. A mixture of water and milk contains 2 kg of water and 150 gm of milk. What percent of milk (by weight) would the remaining solution contains if 20% of water gets evaporated from the solution.

- (a) 9.4 (b) 8.6 (c) 10 (d) 10.2

Q14. An agent gets a commission of 2.5% on the sales of cloth. If on a certain day, he gets Rs. 12.50 as commission, the cloth sold through him on that day is worth

- (a) Rs. 500 (b) Rs. 1000 (c) Rs. 1250 (d) Rs. 1500

Q15. To a sugar solution of 6 L containing 25% sugar, 2L of water is added. The percentage of sugar In the new solution is

- (a) 20.83% (b) 18.75% (c) 16.67% (d) 14.58%

Q16. In a College there are 1800 students. Last day except 4% of the boys all the students were present in the college. Today except 5% of the girls all the students are present in the college, but in both the days number of students present in the college, were same. The number of girls in the college is?

- (a) 800 (b) 1000 (c) 1200 (d) 1400

Q17. Ankita is 25 years old. If Rahul's age is 25% greater than that of Ankita then how much percent Ankita's age is less than Rahul's age?

- (a) 16.67% (b) 20% (c) 25% (d) 33.33%

Q18. Due to the reduction of 20% price in wheat, A man can get 10 kg more for Rs 600. New rate of wheat per kg is—?

- (a) Rs. 15 per kg (b) Rs. 19 per kg (c) Rs. 12 per kg (d) Rs. 17 per kg

Q19. The cost of packaging of the oranges is 20% the cost of fresh oranges themselves. The cost of oranges increased by 30% but the cost of packaging decreased by 50%, then the percentage change of the cost of packed oranges, if the cost of packed oranges is equal to the sum of the cost of fresh oranges and cost of packaging

- (a) 10% (b) 15% (c) 16.66% (d) 14.66%

Q20. The tank-full petrol in Arun's motor-cycle last for 10 days. If he starts using 25% more every day, how many days will the tank-full petrol last?

- (a) 7 days (b) 8 days (c) 9 days (d) 6 days

Q21. 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) 1700 votes (b) 2700 votes (c) 1950 votes (d) 2500 votes

Q22. When the price of rice is increased by 30 percent, a family reduces its consumption such that the expenditure is only 20 percent more than before. If 50 kg of rice is consumed by family before, then find the new consumption of family (approx.)

- (a) 46 kg (b) 48 kg (c) 42 kg (d) 41 kg

Q23. In the month of January, the Railway Police caught 4000 ticketless travelers. In February, the number rose to 5%. However, due to constant vigil by the Police and the Railway staff, the number reduced by 5% in March and in April it further reduced by 10%. The total number of ticketless travelers caught in the month of April was:

- (a) 3291 (b) 3491 (c) 3591 (d) 3640

Q24. In summer, the length, breadth and height of a cuboid increases by 10%, 10% and 20% respectively. Find the percentage increase in cuboid's volume.

- (a) 35% increase (b) 48% increase (c) 40.2% increase (d) 45.2% increase

Q25. The price of a car is Rs. 4,50,000. It was insured for 80% of its price. The car was damaged completely in an accident and the insurance company paid 90% of the insurance. What was the difference between the price of the car and the amount received?

- (a) Rs. 1,45,000 (b) Rs. 1,40,500 (c) Rs. 1,36,000 (d) Rs. 1,26,000