

PERCENTAGE [PRACTICE QUESTIONS]

1. 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
2. A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had how many apples:
A. 588 B. 600 C. 672 D. 700
3. What percentage of numbers from 1 to 70, have 1 or 9 in the unit's digit?
A. 1 B. 14 C. 20 D. 21
4. If $A = x\%$ of y and $B = y\%$ of x , then which of the following is true?
A. A is smaller than B. B. A is greater than B C. Relationship between A and B cannot be determined. D. If x is smaller than y , then A is greater than B. E. None of these
5. If 20% of $a = b$, then $b\%$ of 20 is the same as:
A. 4% of a B. 5% of a C. 20% of a D. None of these
6. 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
7. 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%
8. Rajeev buys good worth Rs. 6650. He gets a rebate of 6% on it. After getting the rebate, he pays sales tax @ 10%. Find the amount he will have to pay for the goods.
A. Rs. 6876.1 B. Rs. 6999.2 C. Rs. 6654 D. Rs. 7000
9. In a certain school, 20% of students are below 8 years of age. The number of students above 8 years of age is $\frac{2}{3}$ of the number of students of 8 years of age which is 48. What is the total number of students in the school?
A. 72 B. 80 C. 120 D. 150 E. 100
10. A student multiplied a number by $\frac{3}{5}$ instead of $\frac{5}{3}$ What is the percentage error in the calculation?
A. 34% B. 44% C. 54% D. 64%
11. 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

12. Three candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get?

- A.** 57% **B.** 60% **C.** 65% **D.** 90%

13. Two tailors X and Y are paid a total of Rs. 550 per week by their employer. If X is paid 120 percent of the sum paid to Y, how much is Y paid per week?

- A.** Rs.200 **B.** Rs.250 **C.** Rs.300 **D.** None of these

14. Gauri went to the stationers and bought things worth Rs. 25, out of which 30 paise went on sales tax on taxable purchases. If the tax rate was 6%, then what was the cost of the tax free items?

- A.** Rs.15 **B.** Rs. 15.70 **C.** Rs.19.70 **D.** Rs.20

15. Two numbers are less than third number by 30% and 37% respectively. How much percent is the second number less than by the first?

- A.** 8% **B.** 9% **C.** 10% **D.** 11%

16. Due to an increase in 30% in the price of eggs, 3 eggs less are available for Rs. 7.80. Find the present rate of eggs per dozen.

- A.** Rs.9.36 **B.** Rs.10.36 **C.** Rs.11.36 **D.** Rs. 12.36

17. In an examination, 34% of the students failed in mathematics and 42% failed in English. If 20% of the students failed in both the subjects, then find the percentage of students who passed in both the subjects.

- A.** 40% **B.** 42% **C.** 44% **D.** 46%

18. Out of 450 students of a school, 325 play football, 175 play cricket and 50 neither play football nor cricket. How many students play both football and cricket?

- A.** 75 **B.** 100 **C.** 125 **D.** 150

19. In a hotel, 60% had vegetarian lunch while 30% had non-vegetarian lunch and 15% had both type of lunch. If 96 people were present, how many did not eat either type of lunch?

- A.** 27 **B.** 26 **C.** 25 **D.** 24

20. If number x is 10% less than another number y and y is 10% more than 125, then find out the value of x

- A.** 123.55 **B.** 123.65 **C.** 123.75 **D.** 123.85

1	2	3	4	5	6	7	8	9	10
C	D	C	E	A	D	B	A	E	D
11	12	13	14	15	16	17	18	19	20
A	A	B	C	D	A	C	B	D	C