

PERCENTAGE

1.What percentage is equivalent to $\frac{3}{8}$?

- a.25% b. $37\frac{1}{2}\%$ c.50% d.125% e.None of these

2.Rs. $12\frac{1}{2}$ is what percentage of Rs. $16\frac{2}{3}$?

- a.50% b.25% c.75% d.45% e.None of these

3.Express $\frac{1}{3}$ as a percentage of $\frac{5}{9}$.

- a.60% b. $500/3$ c.30% d.90% e.None of these

4.What is the number, $12\frac{1}{2}\%$ of which is 64?

- a.510 b.312 c.512 d.521 e.None of these

5.If 17% of a certain number of mangoes is equal to 1360, What is the number of mangoes ?

- a.8000 b.6000 c.8500 d.7000 e.None of these

6.A rent collector receives $1\frac{1}{2}\%$ for collecting rent. What will he receive for collecting Rs. 5000?

- a.Rs.25 b.Rs.50 c.Rs.75 d.Rs.125 e.None of these

7.A cask containing 425 liters lost 8% by leakage. How many liters were left in the cask?

- a.34 lir b.391 lir c.334 lir d.389 ltr e.None of these

8.At an election where there are two candidate only the candidate who gets 62% of the votes is elected by a majority of 144 votes. Find the total number of votes recorded.

- a.1200 b.1800 c.700 d.600 e.None of these

9.At an election where there are two candidates only the candidate who get 43% of the vote is rejected by a majority of 420 votes. Find the total number of votes recorded.

- a.3000 b.600 c.1200 d.2400 e.None of these

10.35% of a number is 105, what percent of that number is 100.

- a.40% b. $37\frac{1}{2}\%$ c. $33\frac{1}{2}\%$ d. $33\frac{2}{3}$ e.None of these

11.A and B appeared in an examination. If the difference of their marks is 25 and percentage difference of there marks is given as 20%. Find the full marks for which examination has been held.

- a.125 b.100 c.80 d.120 e.None of these

12.The daily wage is increased by 20% and a person now gets Rs. 24 per day. What was his daily wage before the increase?

- a.100 b.Rs.120 c.Rs.80 d.Rs.200 e.None of these

13.The daily wage is decreased by 15% and a person now gets Rs.17 per day. What was his daily wage before the decrease?

- a.Rs.20 b.Rs.35 c.Rs.60 d.Rs.25 eNone of these

14.Two number are respectively 25% and 50% more than a third. What percent is the 2nd of the 1st?

- (a)110% b. 115% c.120% d.125% e.None of these

15. A man loses $12\frac{1}{2}\%$ of his money and after spending 70% of the remainder he is left with Rs. 210. How much had he at first?

- (a) Rs. 650 b. Rs. 800 c. Rs. 850 d. Rs. 900 e. None of these

16. 0.15% of $33\frac{1}{3}\%$ of Rs. 10,000 is?

- (a) Rs. 0.05 b. Rs. 5 c. Rs. 105 d. Rs. 150 e. None of these

17. 45% of 1500 + 35% of 1700 = ?% of 3175

- (a) 30 b. 35 c. 45 d. 50 e. None of these

18. If 35% of a number is 175, then what percent of 175 is that number.

- (a) 35% b. 65% c. 280% d. 420% e. None of these

19. If 35% of a number is 12 less than 50% of that number, then the number is.

- (a) 40 b. 50 c. 60 d. 80 e. None of these

20. The sum of two numbers is 2490. If 6.5% of one number is equal to 8.5% of the other, then the numbers are.

- (a) 989, 1501 b. 1011, 1479 c. 1401, 1089 d. 1411, 1079 e. None of these

21. When any number is divided by 12. Then dividend becomes $\frac{1}{4}$ th of the other number. By how much percent first number is greater than the second number?

- (a) 150 b. 200 c. 300 d. CND e. None of these

22. 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 item?

- (a) Rs. 15 b. Rs. 15.70 c. Rs. 19.70 d. Rs. 20 e. None of these

23. In an examination 35% of the student passed and 455 failed. How many student appeared for the examination?

- (a) 490 b. 700 c. 845 d. 1300 e. None of these

24. In an election between two candidates, one got 55% of the total valid votes and the 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 e. None of these

25. In a certain school, 20% of the students are below 8 year of age. The number of student above 8 years of age is $\frac{2}{3}$ of the number of student of 8 years age which is 48. What is the total number of student in the school?

- (a) 72 b. 80 c. 120 d. 150 e. None of these

26. In an examination 5% of the applicants were found ineligible and 85% of the eligible candidates belonged to the general category. If 4275 eligible candidates belonged to other categories, then how many candidates applied for the examination?

- (a) 30,000 b. 35,000 c. 37,000 d. 36,000 e. None of these

27.The price of a TV set is decreased by 25% as a result of which the sale increased by 20%. What will be the effect on the total revenue of the shop?

- (a)No effect b.5% decrease c.5% increase d.10% increase e.None of these

28.In a fraction, if numerator is increase by 40% and denominator increase by 80% then what fraction of the original is the new fraction?

- (a) $\frac{1}{2}$ b. $\frac{7}{9}$ c. $\frac{7}{18}$ d. $\frac{3}{16}$ e.None of these

29.Difference of two number is 1660. If 7.5% of one number is 12.5% of the other number, find the two number?

- (a)2490,4000 b.2400,4150 c.2490,4150 d.2500,4200 e.None of these

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

- (a)100 b.120 c.140 d.160 e.None of these

31.If the price of petrol is increased by 20%, by what percentage should the consumption be decreased by the consumer,if the expenditure on petrol remains unchanged?

- (a.) $16\frac{2}{3}\%$ b. $6\frac{2}{3}\%$ c.8% d.15% e.None of these

32.Milk contains 5% water What quantity of pure milk should be added to 10 litres of milk to reduce this to 2%?

- a.5 litres b.7 litres c.15litres d.CND e.None of these

33.In an examination 65% students passed in civics and 60% in history, 40% Passed in both of these subjects.If 90 students failed in history and civics both then what is the total number of students?

- a.600 b.650 c.700 d.750 e.None of these

34.A sum of 817 is dividedamong A,B and C such that A receives 25% more than B and B receives 25% less than C,What is A's share in amount?

- a) 228 b)247 c)285 d)304 e)None of these

35.In a class of 90 students amongst 50% of students each students got a number of sweet that are 20% of the total number of students and amongst the remaining 50% of students each students got a number of sweets that are 10% of total no of students. How many sweet were distributess among 90 students?

- a)1620 b)1215 c)960 d)1315 e)None of these

36.Kamal spends 50% of his monthly income on household items and out of remaining he spends 50% on transport and 25% on entertainment 10% on sports and remaining amount of 2700 is saved. what is his monthly income?

- a)12000 b)18000 c) 20000 d)36000 e)None of these

37.A businessman's earning increases by 25% in one year but decrease by 4% in next year after five years his total earning would be 72,000 what is his present earning?

- a) 90000 b) 80000 c)40000 d)54000 e)None of these

38. A reduction of 20% in the price of sugar enables a purchase to obtain 2.5 kg more for 160 find the original price per kg of sugar?

- a) 12 b)15 c)16 d)18 e)None of these

39. Ram gets 20% marks more than Grish. Girish get 20% more than Sanjay. Sanjay gets 20% less than Aditya if Ram got 576 marks and total marks were 800 then what marks did Aditya get?
a) 600 b) 480 c) 500 d) 600 e) None of these

40. A towel, when bleached, was found to have lost 20% of its length and 10% of its breadth. The percentage of decrease in area is:
A. 10% B. 10.08% C. 20% D. 28% E. None of these

41. The percentage increase in the area of a rectangle, if each of its sides is increased by 20% is:
A. 40% B. 42% C. 44% D. 46% E. None of these

42. An error 2% in excess is made while measuring the side of a square. The percentage of error in the calculated area of the square is:
A. 2% B. 2.02% C. 4% D. 4.04% E. None of these