

<1M>

1. In a village, 30% people are women, 40% are men rest are Children what is the % of children in the village.

2. Convert 45% into fraction.

- (A) $\frac{8}{20}$ (B) $\frac{7}{10}$ (C) $\frac{9}{20}$ (D) $\frac{9}{10}$

3. Write $\frac{3}{4}$ in the form of percentage?

- (A) 60% (B) 45% (C) 75% (D) 40%

4. Out of 80 students in a class 30 are girls. Find the percentage of girls in class.

- (A) 40% (B) 30% (C) 45% (D) 37.5%

5. Convert $\frac{540}{400}$ into decimals

- (A) 1.45 (B) 1.30 (C) 1.35 (D) 1.67

6. In a city, 25% are females, 45% are males and remaining are children. What is the percentage of children?

- (A) 30% (B) 20% (C) 40% (D) 25%

7. If 75% of students in a class have a bicycle, what percent of the student do not have bicycles?

- (A) 25% (B) 35% (C) 40% (D) 30%

8. The cost of 9 bowls is Rs 72. Find the cost of 6 such bowls.

- (A) Rs 50 (B) Rs 60 (C) Rs 70 (D) Rs 48

9. Calculate the following

- i) 12% of 120 ii) 30% of 300

10. The weight of one iron ball is 16kg. Find the weight of 8 such iron balls.

- (A) 100 kg (B) 250 kg (C) 128 kg (D) 160 kg

11. The ratio of 5 m and 150 cm is

- (A) 3:10 (B) 10:3 (C) 3:11 (D) 11:3

12. Convert 4:1 into percentage.

- (A) 80%:20% (B) 75%:25% (C) 60%:40% (D) 20%:80%

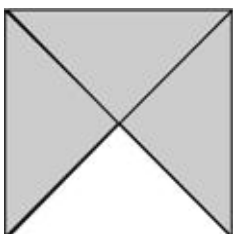
13. A shopkeeper bought a chair for Rs 375 and sold it for Rs 400. Find the gain percentage.

- (A) $5\frac{2}{3}\%$ (B) $3\frac{2}{3}\%$ (C) $4\frac{2}{3}\%$ (D) $6\frac{2}{3}\%$

14. Price of shirt decreased from Rs 80 to 60. Find the percentage of decreased price?

- (A) 25% (B) 30% (C) 40% (D) 45%

15. In the given figure, find the per cent which is colored?



- (A) 25% (B) 50% (C) 75% (D) 30%

16. What will be the correct sign come between $\frac{2}{3}$ and $\frac{1}{5}$?

- (A) = (B) > (C) < (D) \approx

17. The cost of 8 bowls is Rs 48. What would be the cost of 5 such bowls?

- (A) Rs 36 (B) Rs 39 (C) Rs 30 (D) Rs 24

18. A basket is full of fruits mangoes, oranges and apples. If 60% are mangoes, 10% are oranges than what is the percentage of apples.

19. Neelu got $\frac{320}{400}$ in her report card. Hari scored $\frac{280}{400}$ in his report card. Who scored more percentage of marks?

- (A) Neelu (B) Hari (C) Ratios cannot be compared
(D) Can't say

20. There are 25 radios. 16 of them are damaged. Find the percentage of damaged radios.

- (A) 60% (B) 45% (C) 64% (D) 80%

21. The number of illiterate persons in a country decreased from 150 lakhs to 100 lakhs in 10 yrs. What is the decrease percentage?

- (A) 33.3% (B) 40% (C) 70% (D) 90%

22. In a survey of 40 students, 25% of students liked to play football. What is the number of students who like to play football?

- (A) 10 (B) 20 (C) 25 (D) 5

23. Are the two ratios equal? $\frac{2}{5}$ and $\frac{3}{8}$

- (A) Yes (B) No (C) Might be (D) Can't say

24. Find the ratio of 40 days to 40 hrs.

- (A) 24:1 (B) 30:7 (C) 48:1 (D) 13:2

25. Out of 80 students in a class 30 are girls. Find the percentage of girls in class.

- (A) 40% (B) 30% (C) 45% (D) 37.5%

26. The population of Rajasthan is 570 lakh and population of U.P is 1,560 lakh in the same area. Find the ratio of their population.

- (A) 20:23 (B) 33:11 (C) 19:52 (D) 19:62

27. Find the whole quantity if 5% of it is 600.

- (A) 12,000 (B) 11,000 (C) 1,000 (D) 15,000

28. Out of 40 students, 8 are absent. What per cent of the students are absent?

- (A) 30% (B) 20% (C) 25% (D) 35%

29. Find 2% of 1hr .

- (A) 70 sec (B) 72 sec (C) 80 sec (D) 100 sec

30. Convert into percentage.

- i $\frac{1}{3}$ = ----% ii $\frac{1}{6}$ = ----%

31. Convert 33% into decimals

- (A) 0.33 (B) 3.3 (C) 330 (D) 0.033

32. $35\% + ?\% = 100\%$

- (A) 60% (B) 65% (C) 45% (D) 75%

33. Convert 0.45 into percentage.

- (A) 450% (B) 4,500% (C) 4.5% (D) 45%

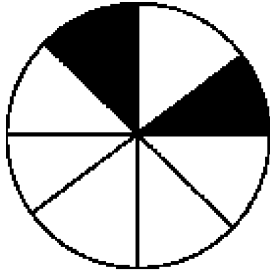
34. Define Unitary Method.

- (A) First we find the value of the required number of units and then the value of one unit.
 (B) First we find the value of 10 units and then the value of one unit.
 (C) First we find the value of one unit and then the value of the required units.
 (D) None of them

35. Find the ratio of Rs 500 to 50,000 paise.

- (A) 1:1 (B) 2:1 (C) 4:1 (D) 10:1

36. What percentage of the figure is shaded?



- (A) 30% (B) 25% (C) 44% (D) 54%

37. There are 110 votes, 77 of them voted yes. What per cent of voted no?

- (A) 40% (B) 30% (C) 20% (D) 25%

38. The buying price of any item is known as it's

- (A) Selling price (B) Cost price (C) Marked price (D) Profit

39. An article was sold for Rs 330 with a profit 10%. What was its cost price?

- (A) Rs 300 (B) Rs 310 (C) Rs 275 (D) Rs 250

40. $I = (PR.....)/100$, where P is Principal, R is rate of interest and I is simple interest.

- (A) M (B) T (C) N (D) None of them

41. Find the value of x, if $64\% + 30\% + x = 100\%$.

- (A) 5% (B) 6% (C) 4% (D) 7%

42. Convert 0.03 into percentage.

- (A) 3% (B) 30% (C) 0.3% (D) None of them

43. Convert $\frac{39}{50}$ into per cent

- (A) 72 % (B) 76 % (C) 78 % (D) 80 %

44. Convert 25% into fraction.

- (A) $\frac{1}{4}$ (B) $\frac{1}{3}$ (C) $\frac{2}{3}$ (D) $\frac{3}{2}$

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45. Find out the numbers if

- i. 10% of number is 600 ii. 12% of number is 1080

46. If $P = \text{Rs } 1200$ at 12% per annum and $T = 3$, then find interest.

- (A) Rs 430 (B) Rs 432 (C) Rs 288 (D) Rs 576

47. What rate gives Rs 280 as interest on a sum of Rs 56,000 in 2 years?

- (A) 0.5% (B) 0.25% (C) 2.5% (D) 0.05%

48. Cost of an item is Rs 25. It was sold with a profit of 12%. What was the selling price?

- (A) Rs 32 (B) Rs 28 (C) Rs 27 (D) Rs 30

49. An item was sold for Rs 540, if the cost price of its item is Rs 600. What is the loss percentage?

- (A) 12% (B) 10% (C) 15% (D) 20%

50. The cost of 13 books is Rs 299. What would be the cost of 3 books?

- (A) Rs 46 (B) Rs 69 (C) Rs 92 (D) Rs 96

51. Convert the following into fraction and Decimal

- i) $24\frac{1}{2}\%$ ii) 39.2%

52. Find the ratio of

- i. 1m to 1 Km. ii. 1 week of Feb. to Feb. month

53. If angles of a triangle are in the ratio 2:3:4. What is the value of greatest angle?

- (A) 40° (B) 60° (C) 80° (D) 50°

54. The cost of a flower vase is Rs 120. If the shopkeeper sells it at a loss of 10%, find the Selling price

- (A) Rs 110 (B) Rs 108 (C) Rs 112 (D) Rs 132

55. Find the amount to be paid at the end of 3 yrs if the principal amount is Rs 1,200 at 10%p.a.

- (A) Rs 1,300 (B) Rs 1,560 (C) Rs 1,498 (D) Rs 1360

56. Find the simple interest that Ram has to pay if he borrows Rs 500 for a period of 5 yrs at the rate of 5% p.a.

- (A) Rs 200 (B) Rs 150 (C) Rs 100 (D) Rs 125

57. Selling price of a toy is Rs 540. If the profit made by the shopkeeper is 20%, find the cost price of the toy.

- (A) Rs 500 (B) Rs 450 (C) Rs 520 (D) Rs 600

58. Total numbers of beads in a bag are 20, if red beads are 8 and blue beads are 12, find out the percentage of each colour of beads.

59. The cost of one packet of balls having 20 balls is Rs. 100, what will be the cost of such 24 balls.

60. Amina buys a book for Rs 275 and sells it at loss of 15%. How much does she sell it for?

- (A) Rs 233.50 (B) Rs 233.75 (C) Rs 233.25 (D) Rs 240.00

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61. A man buys 3 oranges for Rs. 4 and sells 4 oranges for Rs. 6. Find his Gain or loss percent.

62. A shopkeeper is selling an article of Rs.400, while he purchases it for Rs. 402. Find out loss percent of shopkeeper.

63. One person divides his income in two parts if he gives 2 parts to Ram and 1 part to Shyam. What percentage of money he gives to Ram and Shyam separately.

64. Angles of a quadrilateral are in ratio 2 : 3 : 3 : 4, find out all the angles of quadrilateral.

65. The loss in a company has decreased from 20 lacs to 5 lacs in one year. Find the loss decrease percentage.

66. Out of 30 students in a hostel, 8 are going to market, 20 are going to watching T.V, rest of the students are studying. Convert all of them into percentage.

<5M>

67. Find the whole quantity if

- (a) 12% of it is Rs 1080
- (b) 40% of it is 500 km

68. Find the simple interest on Rs. 1200 from 2006 to 2009 at 6% per annum and also find the amount to be paid at the end of 3 years.

69. A man purchase two machines at Rs. 1200 each. On one he gain 20% and on the other he loses 20%. How much does he gain or lose in whole transaction.

70. A farmer borrowed Rs 5000 from a money lender at 9% per annum. After 4 years, he cleared the account by giving Rs 5500 and a cow to the money lender. Find the cost of the cow.

71. Calculate the principle when

- (i) Amount = Rs 4637.50 and simple interest = Rs 1137.50
- (ii) Amount = Rs 10000 and simple interest = Rs 3750
- (iii) Amount = Rs 7539 and simple interest = Rs 1523
- (iv) What rates gives Rs 280 as interest on a sum of 56,000 in 2 years?

72. 9900 students of Chennai appeared in the board examination. Out of them 35% secured 1st division, 45% secured 2nd division, 10% were allowed for compartmental examination and the rest failed. Find out the number of students in each category.

73. An article was sold for Rs 250 with a profit of 5%. What was its cost price?