Percentage Set (4)

1. A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had how many apples.

2. A student has to obtain 33% of the total marks to pass. He got 125 marks and failed by 40 marks. Find the maximum marks.

3. A person who spends 66 2/3% of his income is able to save Rs. 1200 per month. Find his monthly expenses.

4. If A's height is 40% less than that of B. How much percent B's height is more than that of A?

5. The population of a town 2 years ago was 62500. Due to Corona it decreases every year at the rate of 4%. Find the present population of the town.

6. The value of a machine depreciates at the rate of 10% every year. It was purchased 3 years ago. If its present value is Rs. 8748. Find its purchase price.

7. The population of a town increases by 5%annually. If the population in 2001 was 138951. What was the population in 1998?

8. A bag contains 600 coins of 25 paise, 1200 coins of 50 paise. If 12% of 25 p coins and 24% of the 50p coins are removed. Find the percentage of money removed from thee bag.

9. 10% of the voters did not cast their votes in an election between two candidates. 10% of the votes polled were found invalid. The successful candidate got 54% of the valid votes and won by a majority of 1620 votes. Find the number of voters enrolled in the voter list.

10. The price of a car is Rs. 325000. It was insured to 85% 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?

11. In a competitive exam in state A, 6% candidates got selected from the total appeared candidates. State B had an equal number of candidates appeared and 7% candidates got selected with 80 more candidates got selected than A. what was the total number of candidates appeared from each state.

12. In a class 70% of the students read Hindi 40% of the students are boys and 20% of the girls do not read Hindi. Find the percentage of boys will read Hindi.

13. Anils monthly Income is 30% more than Ashok's Income. Ashok's income is 10% less than Manoj. If the difference between the Monthly income of Anil and Manoj is Rs. 1360. What is the monthly income of Ashok?

14. If the length of a Rectangle increased by 30% and its breadth decreased by 20%. Find the change of its perimeter if the ratio of original dimensions are 5:2.

15. In a school 20% of students are below 8 years. The number of students above 8 years age is 2/3 of the number of students below 8 years which is 48. What is the total number of students in the school?

Answer

1) 700 apples 360	7) 120000	13) Rs. 7200
2) 500	8) 21.6%	14) $15\frac{5}{7}$ %
3) Rs.2400	9) 25000	15) 360
4) 66 2/3%	10) Rs. 76375	
5) 57600	11) 8000	
6) Rs.12000	12) 55%	