



# THE TUITION

THE WAY TO PREPARE YOURSELF BY: - **RISHABH GUPTA**  
10 YEARS EXPERIENCE OF CBSE/ICSE

**Subject:** - Mathematics

## **PRACTICE PAPER**

**CBSE-8<sup>th</sup>**

**Topic:** - Percentage & Its Applications

- Q.1.** A football team won 10 games from the total they played. This was 40% of the total. How many games were played in all? **Ans. 25 games.**
- Q.2.** 78.8% of a common medicine for stomach up-sets is absolute; 3.3% of it is mentha oil; 0.07% spearmint oil and 0.177% chloroform. How much of each of these compounds is there in a pack of 30 ml? **Ans. 0.531 ml**
- Q.3.** Kishan spends 30% of his salary on food and donates 3% of his salary in a temple. In a particular month, he spends Rs 231 on these two items. What is his total salary for this month? **Ans. 700 Rs.**
- Q.4.** A man loses 20% of his money. After spending 25% of the remainder, he has Rs. 480.00 left. How much money did he originally have? **Ans. 800 Rs.**
- Q.5.** Rani's weight is 25% that of Meena's and 40% that of Tara's. What % of Tara's weight is Meena's weight? **Ans. 160% of Tara's weight**
- Q.6.** The salary of an officer has been increased by 50%. By what % the new salary must be reduced to restore the original salary? **Ans.  $33\frac{1}{3}\%$**
- Q.7.** A certain school has 300 students, 142 of whom are boys. It has 30 teachers, 12 of whom are men. What % of the total no. of students and teachers in the school is female? **Ans.  $\frac{160}{3}\%$**
- Q.8.** In the new budget, the price of petrol rose by 10%. By how much percent must one reduce the consumption so that the expenditure does not increase? **Ans.  $9\frac{1}{11}\%$**
- Q.9.** Rs. 3500 is to be shared among the people so that the first person gets 50% of the second, who in turn gets 50% of the third. How much will each of them get? **Ans. 500, 1000, 2000.**
- Q.10.** Shikha's income is 60% more than that of Shalu. What % is Shalu's income less than Shikha's? **Ans. 37.5%**