

## Percentage : CPP1

1. Express each of the following percent as fraction in the simplest form :

- (i) 45%      (ii) 0.25%      (iii) 150%      (iv)  $6\frac{1}{4}\%$

2. Express each of the following fractions as percent :

- (i)  $\frac{3}{4}$       (ii)  $\frac{53}{100}$       (iii)  $1\frac{3}{5}$       (iv)  $\frac{7}{20}$

3. Express each of the following ratios as percent :

- (i) 4 : 5      (ii) 1 : 5      (iii) 11 : 125

4. Express each of the following percents as ratios in the simplest form:

- (i) 2.5%      (ii) 0.4%      (iii)  $13\frac{3}{4}\%$

5. Express each of the following percents as decimals:

- (i) 12.5%      (ii) 75%      (iii) 128.8%      (iv) 0.05%

6. Express each of the following decimals as a percent:

- (i) 0.004      (ii) 0.24      (iii) 0.02      (iv) 0.275

7. Find the number whose  $12\frac{1}{2}\%$  is 64.

8. What is the number,  $6\frac{1}{4}\%$  of which is 2?

9. If 12 is 75% of a number, what is that number?

10. Find 2.5% of 600 metres.

11. Find 20% more than \$200.

12. Find 17% less than \$150.

13. Convert each of the following pairs into percentages and find out which is more?

(i) 25 marks out of 30 , 35 marks out of 40.

(ii) 100 runs scored off 110 balls , 50 runs scored off 55 balls.

14. 6 is 30% of which number?

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