

CLASS: V

MATHEMATICS

[10]

I. Fill in the blanks

1. The reciprocal of  $\frac{17}{25}$  is \_\_\_\_\_.
2. 1 gram = \_\_\_\_\_ milligrams.
3. The fraction  $\frac{492}{100}$  is written in the decimal form as \_\_\_\_\_.
4.  $48.17 \times 10 =$  \_\_\_\_\_.
5.  $\frac{1}{3} = \frac{\quad}{12}$
6. 8 litres = \_\_\_\_\_ kilolitres.
7.  $0 \div \frac{6}{11} =$  \_\_\_\_\_.
8.  $\left(\frac{2}{5} + \frac{1}{10}\right) + \frac{1}{4} =$  \_\_\_\_\_  $+ \left(\frac{1}{10} + \frac{1}{4}\right)$
9.  $87685 \div 1000$ ; Q = \_\_\_\_\_, R = \_\_\_\_\_.
10. Choose the correct option :  $1.015$  \_\_\_\_\_  $1.105$   
a. <            b. >            c. =

II. Evaluate the following

1. Add :  $\frac{2}{17} + \frac{11}{17} + \frac{1}{17}$
2. Write as fractions in the simplest form: (a) 0.5  
(b) 0.02
3. Convert  $\frac{34}{13}$  into a mixed fraction.
4. Simplify:  $7 \times \frac{1}{4}$
5. Write the expanded form of 453.786
6. In an election, candidate A got 5,86,589 votes and candidate B got 3,76,704 votes.  
Who got more and by how much?
7. Write place value of the underlined digits  
(a) 48.71  
(b) 873.296  
(c) 10.568
8. Express in kg, hg, dag and gram : (a) 28.759 kg  
(b) 495.108 kg

9. Reduce to the lowest form:

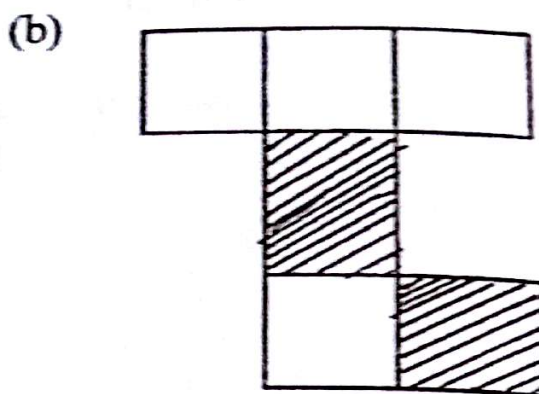
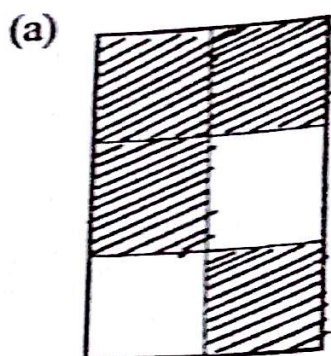
(a)  $\frac{50}{25}$  (b)  $\frac{63}{105}$

10. Arrange in descending order: 4.235; 4.218; 4.281; 4.128

11. Simplify:  $\frac{3}{4}$  of 16

12. Add 4.38; 3.11; 43.189

13. Write the fraction for the following figures:



14. Subtract:  $\frac{4}{18} - \frac{1}{6}$

15. Simplify:  $32146801 + 43216576 - 19762863$

16. Multiply:  $8214 \times 281$

17. Arrange in ascending order:  $\frac{6}{5}, \frac{3}{10}, \frac{7}{30}$

18. Add:  $1\frac{2}{7} + 2\frac{1}{5}$

19. A bottle holds 1.140 ml of shampoo. Radhika uses 0.950 ml of shampoo. How much shampoo is left in the bottle?

20. Simplify:  $\frac{22}{25} \div \frac{11}{15}$

21. Simplify:  $1\frac{2}{5} \times \frac{50}{35}$