Fractions – 4

1. Which number is reciprocal of itself?

a)   0

b)   1

c) $\dfrac{2}{3}$

d) $\dfrac{2}{5}$

2. Reciprocal of a proper fraction is _____ than 1.

a)   Lesser

b)   Equal

c)   Greater

d)   None of these

33. A fractional number is greater than 50, it's reciprocal will be _____.

a)   Less then 50 but more than 1.

b)   Must be greater than 50.

c)   Must be less than 1.

d)   Must be equal to 1.

4. $\dfrac{220}{221} \div \dfrac{440}{663}$ = _____

a) $1\dfrac{1}{2}$

b) $\dfrac{2}{3}$

c) $\dfrac{1}{2}$

d)   None of these

5. $\dfrac{7}{11} \div \dfrac{28}{33} \times \dfrac{5}{7} + \dfrac{6}{7} \times \dfrac{14}{27} \div \dfrac{21}{54}$ = _____

a) $\dfrac{2}{3}$

b) $\dfrac{28}{47}$

c) $\dfrac{47}{28}$

d)   None of these

6. Calculate the train fare for 1200 miles at $5\dfrac{2}{3}$ rupees per miles.

a)   Rs. 5800

b)   Rs. 6800

c)   Rs. 7800

d)   Rs. 8800

7. One sixth population of a town is female. If the population of females is 72000, then what is the population of the town?

a)   431000

b)   4320000

c)   432000

d)   None of these

8. A bike covers 650 miles in $2\frac{3}{5}$ hours. How much distance it will cover in one hour.

a)   200 miles

b)   220 miles

c)   230 miles

d)   250 miles

9. A meet packet weighs $2\frac{3}{5}$ kg, and it costs Rs. 350 per kg. What is the cost of 25 similar packets of meet?

a)   Rs. 21750

b)   Rs. 22750

c)   Rs. 20750

d)   Rs. 19570

10. $3\frac{2}{3} \div 1\frac{5}{6} + 3\frac{8}{9}$ of $1\frac{2}{7} + 1\frac{3}{7} \times 1\frac{4}{10} =$ _____

a)   5

b)   7

c)   9

d)   11