

Subject: - Mathematics

## PRACTICE PAPER (MCQ)

## CBSE-7<sup>th</sup>

Topic: - Rational Numbers

1. When  $-\frac{3}{6}$  is written as a rational number with numerator 12, then the denominator is: -

Ans. (c)

- a) 18                      b) -18                      c) -24                      d) 24

2. Which of the following cannot be written as a rational number with denominator 4?

Ans. (a) & (c) both

- a)  $\frac{7}{8}$                       b)  $\frac{20}{6}$                       c)  $\frac{28}{-32}$                       d)  $\frac{1}{-4}$

3. Which of the following pairs of rational numbers is equal: -

Ans. (c)

- a)  $\frac{-12}{6}$  and  $\frac{10}{-16}$                       b)  $\frac{-15}{20}$  and  $\frac{25}{-30}$                       c)  $\frac{-8}{24}$  and  $\frac{7}{-21}$                       d)  $\frac{-6}{-10}$  and  $\frac{11}{-15}$

4. If  $3\frac{1}{6} + x = \frac{19}{42}$ , the value of  $x$  is: -

Ans. (b)

- a)  $2\frac{10}{14}$                       b)  $-2\frac{5}{7}$                       c)  $-3\frac{13}{21}$                       d)  $-2\frac{3}{14}$

5. What is the product of  $-6\frac{1}{3}$  and  $2\frac{3}{4}$ ?

Ans. (d)

- a) -12                      b) 24                      c)  $-12\frac{1}{4}$                       d)  $-17\frac{5}{12}$

6. A car is moving at an average speed of  $3\frac{1}{9}$  km/hr. How much distance will it cover in  $5\frac{1}{7}$  hours?

Ans. (c)

- a) 15 km                      b)  $16\frac{8}{9}$  km                      c) 16 km                      d)  $8\frac{16}{23}$  km

7. The multiplicative inverse of  $\frac{-3}{4}$  is: -

Ans. (c)

- a)  $\frac{3}{4}$                       b)  $\frac{4}{3}$                       c)  $\frac{-4}{3}$                       d) None of these

8. The reciprocal of  $\left(\frac{3}{11} \times \frac{5}{6}\right) - \left(\frac{9}{22} \div \frac{3}{4}\right)$  is: -

Ans. (c)

- a)  $\frac{7}{22}$                       b)  $\frac{22}{7}$                       c)  $\frac{22}{-7}$                       d)  $\frac{7}{-22}$

9. Evaluate: -  $\frac{3}{7} - \frac{1}{3} \div \frac{2}{9} + \frac{5}{6}$

Ans. (b)



The Tuition

# THE TUITION

THE WAY

TO PREPARE YOURSELF

BY: - **RISHABH GUPTA**

10 YEARS EXPERIENCE OF CBSE/ICSE

a)  $\frac{12}{133}$

b)  $\frac{-5}{21}$

c)  $1\frac{71}{378}$

d)  $\frac{15}{133}$

10. The whole number nearest to 457 and divisible by 11 is: -

Ans. (d)

a) 450

b) 451

c) 460

d) 462

