# Multiple-choice Questions

## Chapter 1

1. The additive inverse of 7 is
   a. 1
   b. $|7|$
   c. $-7$
   d. $|-7|$

2. $-201 + (-201)$ is equal to
   a. 0
   b. 402
   c. $-402$
   d. $|-402|$

3. The sum of two integers is zero. If one of them is $-18$, then the other is
   a. $-1$
   b. 1
   c. $-18$
   d. 18

4. $(-8) \times (-5) \times 3$ is equal to
   a. 43
   b. $-120$
   c. 120
   d. $-43$

5. The product of 9 negative integers is
   a. positive
   b. negative
   c. zero
   d. 9

6. The product of two numbers is $-6$. If one of them is 1, then the other is
   a. 6
   b. $-6$
   c. 1
   d. $-1$

7. If $x \div (-7)$ is equal to $-5$, then the value of $x$ is
   a. $-35$
   b. 35
   c. 5
   d. $-5$

8. The set of integers is not closed under
   a. addition
   b. subtraction
   c. multiplication
   d. division

9. $[36 \div (-9)] \div [(-24) \div 6]$ is equal to
   a. 1
   b. $-1$
   c. 4
   d. $-4$

10. The product of three integers is $-7$. If two of them are 1 and $-1$, then the third integer is
    a. 7
    b. $-7$
    c. 1
    d. $-1$

## Chapter 2

1. Which of the following pairs are like fractions?
   a. $\frac{4}{5}, \frac{6}{11}$
   b. $\frac{3}{7}, \frac{11}{7}$
   c. $\frac{3}{2}, \frac{5}{7}$
   d. $2\frac{3}{5}, 1\frac{2}{9}$

2. A fraction equivalent to $\frac{5}{9}$ is
   a. $\frac{10}{18}$
   b. $\frac{18}{10}$
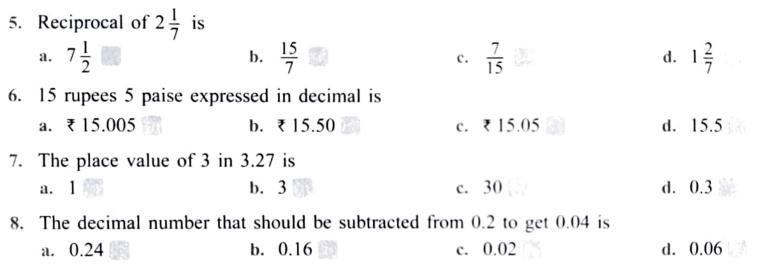   c. $\frac{5}{45}$
   d. $\frac{45}{5}$

3. If a person has worked $26\frac{7}{9}$ hours. How many more hours does he need to work to meet th
   requirement of 35 hours of total work?
   a. $8\frac{2}{9}$ hours
   b. $8\frac{7}{9}$ hours
   c. 7 hours
   d. $7\frac{1}{7}$ hours

4. Which of the following products is not equal to 1?

    a. $\frac{9}{5} \times \frac{5}{9}$               b. $2\frac{2}{5} \times \frac{5}{12}$               c. $7 \times \frac{1}{7}$               d. $\frac{15}{2} \times \frac{2}{3}$

5. Reciprocal of $2\frac{1}{7}$ is

    a. $7\frac{1}{2}$               b. $\frac{15}{7}$               c. $\frac{7}{15}$               d. $1\frac{2}{7}$

6. 15 rupees 5 paise expressed in decimal is

    a. ₹ 15.005               b. ₹ 15.50               c. ₹ 15.05               d. 15.5

7. The place value of 3 in 3.27 is

    a. 1               b. 3               c. 30               d. 0.3

8. The decimal number that should be subtracted from 0.2 to get 0.04 is

    a. 0.24               b. 0.16               c. 0.02               d. 0.06

9. If $425 \times 17 = 7225$, then $1.7 \times 4.25$ equals

    a. 0.7225               b. 72.25               c. 722.5               d. 7.225

10. The number by which 0.0001 should be divided to get 0.01 is

    a. 0.0001              b. 0.01               c. 0.1               d. 0.001