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(Affiliated to CBSE up to +2 Level)

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SUB.:MATHEMATICS

1. An integer can be:

- a) Only Positive
- b) Only Negative
- c) Both positive and negative
- d) None of the above

2. A rational number can be represented in the form of:

- a) p/q
- b) pq
- c) $p+q$
- d) $p-q$

3. The value of $\frac{1}{2} \times \frac{3}{5}$ is equal to:

- a) $\frac{1}{2}$
- b) $\frac{3}{10}$
- c) $\frac{3}{5}$
- d) $\frac{2}{5}$

4. The value of $(\frac{1}{2}) \div (\frac{3}{5})$ is equal to:

- a) $\frac{3}{10}$
- b) $\frac{3}{5}$
- c) $\frac{6}{5}$
- d) $\frac{5}{6}$

5. The value of $\frac{1}{2} + \frac{1}{4}$ is equal to:

- a) $\frac{3}{4}$
- b) $\frac{3}{2}$

c) $\frac{7}{3}$

d) 1

6. The value of $\frac{5}{4} - \frac{8}{3}$ is:

a) $\frac{17}{12}$

b) $-\frac{17}{12}$

c) $\frac{12}{17}$

d) $-\frac{12}{17}$

7. The associative property is applicable to:

a) Addition and subtraction

b) Multiplication and division

c) Addition and Multiplication

d) Subtraction and Division

8. The value of $(-\frac{10}{3}) \times (-\frac{15}{2}) \times (\frac{17}{19}) \times 0$ is:

a) 0

b) 22.66

c) 20

d) 35

9. The additive identity of rational numbers is:

a) 0

b) 1

c) 2

d) -1

10. The multiplicative identity of rational numbers is:

a) 0

b) 1

c) 2

d) -1