

VII - Mathematics Assignment No-10 - Rational Numbers.M. C. Q. - No. 02

Q1. $-\frac{3}{5} - (-\frac{2}{15})$ is

- (i)
- $\frac{7}{15}$
- (ii)
- $\frac{15}{7}$
- (iii)
- $-\frac{15}{7}$
- (iv)
- $-\frac{7}{15}$

Q2. The negative of $\frac{4}{-15}$ is

- (i)
- $\frac{-4}{-15}$
- (ii)
- $-\frac{15}{4}$
- (iii)
- $\frac{-4}{15}$
- (iv)
- $\frac{4}{15}$

Q3. $-\frac{15}{39} \div \frac{5}{13}$ is

- (i) 1 (ii) -1 (iii) 2 (iv) -2

Q4. $-2\frac{1}{3} \div 2\frac{11}{13}$ is

- (i)
- $-\frac{27}{37}$
- (ii)
- $\frac{27}{37}$
- (iii)
- $\frac{37}{27}$
- (iv)
- $-\frac{37}{27}$

Q5. $-\frac{3}{7} \times \frac{-2}{3} \div \frac{16}{-21}$ is

- (i)
- $\frac{3}{8}$
- (ii)
- $-\frac{3}{8}$
- (iii)
- $-\frac{32}{147}$
- (iv)
- $-\frac{8}{49}$

Q6. The product of two numbers is

 $\frac{3}{4}$. If one of them is $\frac{5}{6}$, the other no. is

- (i)
- $\frac{10}{9}$
- (ii)
- $\frac{9}{10}$
- (iii)
- $\frac{7}{9}$
- (iv)
- $\frac{9}{7}$

Q7. $\frac{3}{4} - \frac{1}{2} + \frac{5}{6}$ is

- (i)
- $\frac{11}{12}$
- (ii)
- $\frac{13}{12}$
- (iii)
- $-\frac{11}{12}$
- (iv)
- $-\frac{13}{12}$

Cont Pg 2

Q8. The reciprocal of -1 is

- (i) 1 (ii) -1 (iii) $\frac{-1}{-1}$ (iv) none of these

Q9. The multiplicative inverse of $-\frac{3}{4}$ is

- (i) $\frac{3}{4}$ (ii) $-\frac{3}{4}$ (iii) $\frac{4}{-3}$ (iv) $\frac{4}{3}$

Q10. If a number is multiplied by $(-\frac{5}{6})$ the result is 1, the number is

- (i) $\frac{6}{-5}$ (ii) $\frac{-6}{5}$ (iii) $\frac{5}{6}$ (iv) $-\frac{5}{6}$

Q11. The sign of '0' is

- (i) Positive (ii) Negative (iii) neither positive nor negative
(iv) none of these

Q12. Arun walks $\frac{1}{3}$ km from a place A towards East and then from there $1\frac{2}{3}$ km towards West. Where will he be now from A.

- (i) $\frac{6}{3}$ km (ii) -2 km (iii) $-\frac{6}{3}$ km (iv) $\frac{4}{3}$ km.

ANSWERS:-

(Q1) (iv)	(Q4) (i)	(Q7) (ii)	(Q10) (i)
(Q2) (iv)	(Q5) (ii)	(Q8) (ii)	(Q11) (iii)
(Q3) (ii)	(Q6) (ii)	(Q9) (iii)	(Q12) (iii)