

CLASS TEST (CLASS VII)
CHAPTER: RATIONAL NUMBERS

F.M: 15

TIME: 30 mins.

A] Choose the correct option for the following questions: (2x1=2)

1. Identify the multiplicative inverse of $-3\frac{1}{8}$.

a) $-\frac{25}{8}$

b) $\frac{25}{8}$

c) $\frac{8}{25}$

d) $-\frac{8}{25}$

2. How many rational numbers are there between -8 and 8 ?

a) 14

b) 15

c) 0

d) Uncountable

B] Say True or False: (1)

1. Every rational number is also an integer.

C] Which is greater? (2)

$$-\frac{5}{6} \text{ or } -\frac{7}{8}$$

D] Identify six rational numbers between -4 and -3 . (2)

E] Plot the below rational number on number line. (2x2=4)

(i) 1.037

(ii) $-\frac{38}{5}$

F] Arrange the below rational numbers in ascending order: (2)

$$-\frac{5}{6}, -\frac{7}{8}, -\frac{8}{9}, -\frac{4}{5}$$

G] Simplify: $\left\{ \left(-5\frac{2}{7} \times 3\frac{1}{8} \right) \div 4\frac{1}{9} \right\} + \left\{ -3\frac{1}{2} + \left(-5\frac{1}{3} \right) \right\}$ (2)