BHARATH COACHING CENTRE

7th CBSE   Maths   Total : 40

Rational Numbers   Time: 2.00 hrs

Section A   1 X 5 = 5

1. What is a rational number?
2. Write true or false, $\frac{2}{-3}$ is a rational number.
3. Is $\frac{-10}{15}$ equivalent to $\frac{10}{-15}$?
4. Give any four examples for positive rational numbers.
5. Give any four examples for negative rational numbers.

Section B   2 X 4 = 8

6. Reduce $\frac{25}{45}$ to the standard form.
7. Give four rational numbers equivalent to $\frac{5}{-3}$.
8. Which is greater, $\frac{2}{3}$ or $\frac{5}{2}$?
9. Find $\frac{5}{3} + \frac{3}{5}$.

Section C   3 X 3 = 9

10. Find the sum: $\frac{7}{24} - \frac{17}{36}$.
11. Find the product: $\frac{9}{2} X \frac{-7}{4}$.
12. Reduce $\frac{44}{-72}$ to standard form.

Section D   4 X 2 = 8

13. Write in ascending order: $\frac{-3}{5}, \frac{-2}{5}, \frac{-1}{5}$.
14. Find $-2\frac{1}{3} + 4\frac{3}{5}$.