

Time : 50 minutes

M.marks- 30

Section -A (3 x 1= 3 marks)

1. Find three consecutive odd numbers whose sum is 45
2. Find x: If $2x-5= 5x-6$
3. compare : $\frac{9}{-11}$ and $\frac{5}{-17}$

Section -B (3 x 2= 6 marks)

4. Find the product of multiplicative inverse of 0.3 and additive inverse of $\frac{-7}{5}$
5. What should be added to $\frac{-4}{7}$ to make it $\frac{5}{9}$
6. Represent on same number line :- $\frac{-3}{5}$, $\frac{-7}{5}$, $\frac{-11}{5}$, $\frac{-9}{5}$

Section C (3 x 3= 9 marks)

7. Find 6 rational numbers between $\frac{1}{3}$ and $\frac{-3}{5}$
8. Using appropriate properties find:
 $\frac{2}{5} \times \frac{-3}{5} + \frac{5}{2} - \frac{3}{5} \times \frac{1}{6}$
9. The width of Sudha's garden is $\frac{2}{3}$ of its length .If its perimeter is 40m,find its dimensions.

Section-D (4x3=12marks)

10. The angles of a quadrilateral are in the ratio 1:2:3:4. Find all the angles of the quadrilateral.
11. Solve the following equation and verify the result:
 $10p-(3p-4) = 4(p+1) + 9$
12. Priyanshi has a total of Rs.590 as currency notes in the denomination of Rs.50, Rs20 and Rs.10. The ratio of the number of notes of Rs.50 notes and Rs.20 notes is 3:5. If she has a total of 25 notes ,how many notes of each denomination she has?

