

ATOMIC ENERGY CENTRAL SCHOOL # 3 (RAWATBHATA)

PRE-MIDTERM TEST-1 (2018 -2019)

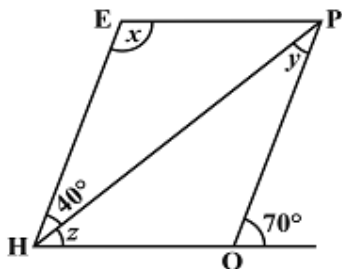
CLASS VIII

MAX. MARKS – 40

SUBJECT – MATHEMATICS

TIME -1 $\frac{1}{2}$ HOUR

1. The reciprocal of -17 is 1mark
2. Value of x in the equation $3x-2=7$ is 1mark
3. The sum of exterior angles of a polygon is 1mark
4. The adjacent angles in a parallelogram are 1mark
5. Find :- $\frac{2}{5} \times \frac{-3}{7} - \frac{1}{14} - \frac{3}{7} \times \frac{3}{5}$ 2marks
6. The perimeter of rectangle is 15 cm and its width is $2\frac{3}{4}$ cm. find its length. 2marks
7. Find the number of sides of a regular polygon whose each exterior angle has a measure of 24° . 2marks
8. The measures of two adjacent angles of a parallelogram are in the ratio 2:3, find the measure of each of the angles of the parallelogram. 2marks
9. Three consecutive integers add up to 51. What are these integers. 3marks
10. Solve: $\frac{2x}{3} + 1 = \frac{7x}{15} + 3$. 3marks
11. The adjacent figure HOPE is a parallelogram. Find the angle measures x, y and z. 3marks



12. Represent $-2/11$, $-5/11$, $4/11$ on the number line. 3marks
13. Arun is twice as old as shriya. Five years ago his age was three times shriya's age. Find their present age. 4marks
14. Find 4 rational numbers between $\frac{1}{4}$ and $-\frac{3}{2}$. 4marks
15. An angle of a llgm is 93° . Find all the angles of the llgm 4marks
16. The sum of three consecutive multiples of 8 is 888, find the multiples. 4marks