Multiple choice questions

T6N1GW

1. The area of triangle formed by the points $(-5,0)$, $(0,-5)$ and $(5,0)$ is
   (1) 0 sq.units   (2) 25 sq.units   (3) 5 sq.units   (4) none of these

2. A man walks near a wall, such that the distance between him and the wall is 10 units. Consider the wall to be the Y axis. The path travelled by the man is
   (1) $x = 10$ (2) $y = 10$ (3) $x = 0$ (4) $y = 0$

3. The straight line given by the equation $x = 11$ is
   (1) parallel to X axis   (2) parallel to Y axis
   (3) passing through the origin   (4) passing through the point $(0,11)$

4. If $(5,7), (3,p)$ and $(6,6)$ are collinear, then the value of p is
   (1) 3   (2) 6   (3) 9   (4) 12

5. The point of intersection of $3x - y = 4$ and $x + y = 8$ is
   (1) $(5,3)$ (2) $(2,4)$ (3) $(3,5)$ (4) $(4,4)$

6. The slope of the line joining $(12,3), (4,a)$ is $\dfrac{1}{8}$. The value of 'a' is
   (1) 1   (2) 4   (3) -5 (4) 2