1. The equation of x-axis is

   (i) $y=0$ (ii) $x=0$ (iii) $y=x$ (iv) $x=1$ (v) $y=1$

2. The equation of y-axis is

   (i) $y=1$ (ii) $y=x$ (iii) $y=0$ (iv) $x=0$ (v) $x=1$

3. Any line parallel to x-axis is

   (i) a curved line (ii) an oblique line (iii) a vertical line (iv) a horizontal line

4. Any line parallel to y-axis is

   (i) a curved line (ii) an oblique line (iii) a horizontal line (iv) a vertical line

5. A line which is neither parallel to x-axis nor y-axis is

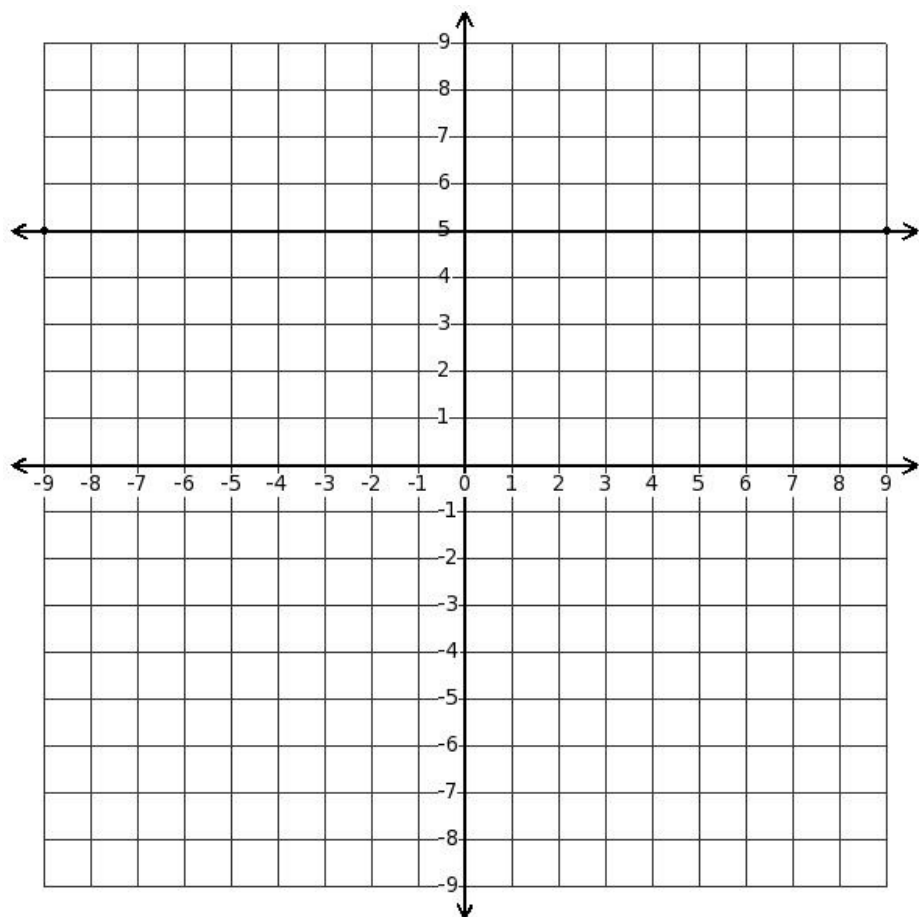   (i) an oblique line (ii) a horizontal line (iii) a vertical line (iv) a curved line

6. Equation of a straight line which is parallel to x-axis (where k is a constant) is

   (i) $y=0$ (ii) $x=0$ (iii) $y=k$ (iv) $x=y$ (v) $x=k$

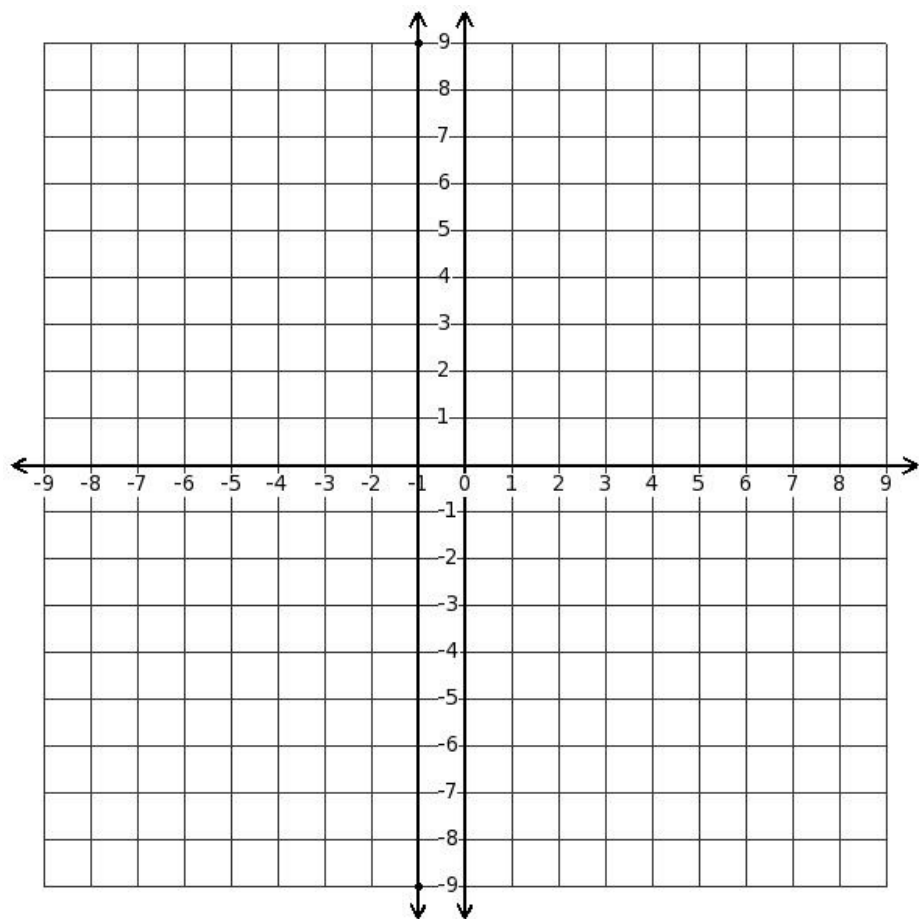7. Equation of a straight line which is parallel to y-axis (where k is a constant) is

   (i) $x=y$ (ii) $y=0$ (iii) $x=0$ (iv) $x=k$ (v) $y=k$

8. Find the equation of the displayed line

(i) $x=5$ (ii) $y=6$ (iii) $y=5$ (iv) $y=4$ (v) $4y=5$

9. Find the equation of the displayed line

(i) $x=(-1)$ (ii) $x=0$ (iii) $y=(-1)$ (iv) $4x=(-1)$ (v) $x=(-2)$

10. The equation of the x-axis is

   a) $y=1$
   b) $x=y$
   c) $y=0$
   d) $x=0$
   e) $x=1$

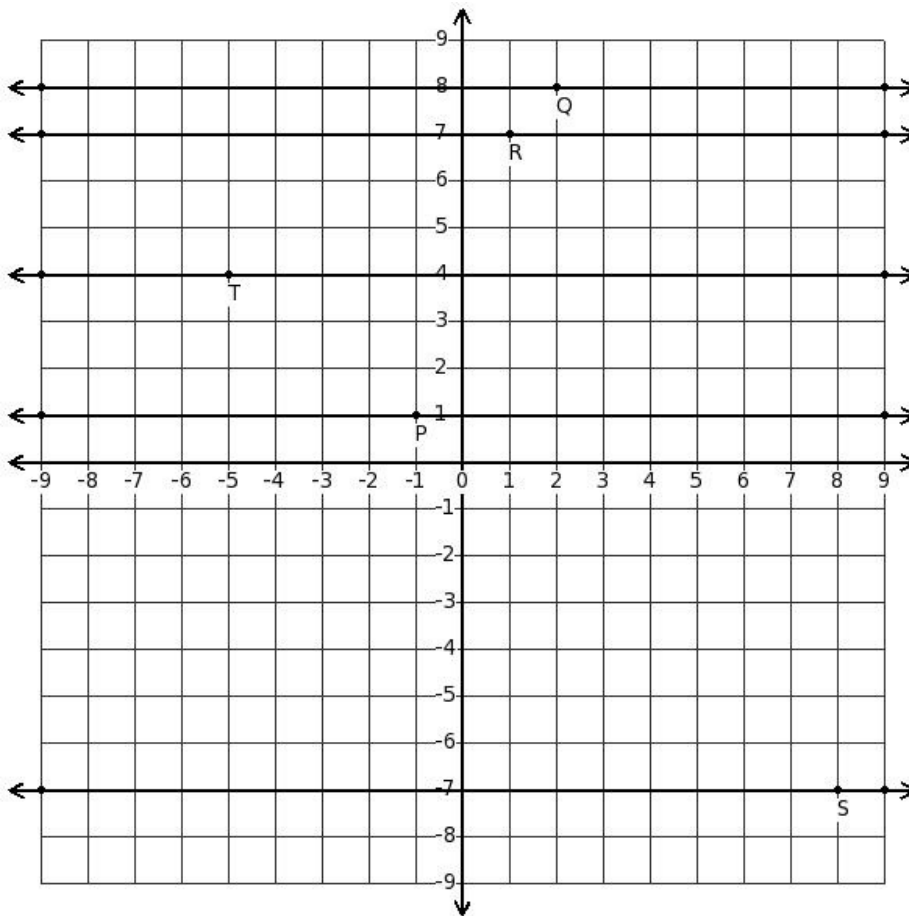   (i) {c}   (ii) {b,c}   (iii) {d,e,c}   (iv) {a,c}

11. Find the equation of a straight line parallel to x-axis and passing through the point $(5,(-4))$

   (i) $y=(-5)$ (ii) $x=5$ (iii) $y=(-4)$ (iv) $x=7$ (v) $y=(-1)$

12. Find the equation of a straight line parallel to y-axis and passing through the point $(6,4)$
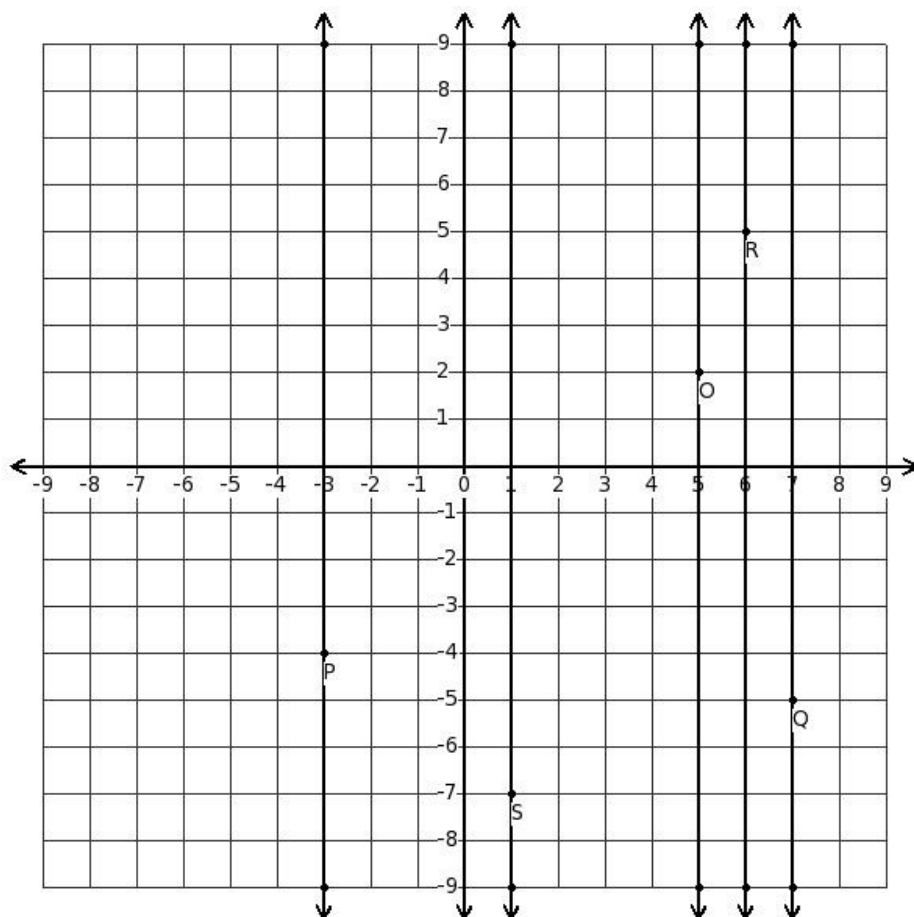
   (i) $x=6$ (ii) $y=4$ (iii) $y=6$ (iv) $x=5$ (v) $x=8$

13. Which of the displayed lines represent the equation $y=1$

   (i) line with point S   (ii) line with point P   (iii) line with point R   (iv) line with point Q   (v) line with point T

14. Which of the displayed lines represent the equation $x = 5$

(i) line with point R (ii) line with point Q (iii) line with point S (iv) line with point P (v) line with point O

Assignment Key

1) (i)	2) (iv)	3) (iv)	4) (iv)	5) (i)	6) (iii)
7) (iv)	8) (iii)	9) (i)	10) (i)	11) (iii)	12) (i)
13) (ii)	14) (v)				