

# **Aptitude Assignment-I**

**By Parth Patel**

**[1] The equations of the lines  $x=2$  &  $y=4$  meet at the point .....**

**Ans:** (2,4)

**[2] Equations  $2X+3Y=9$  &  $7X+9Y=-6$  have how many solutions?**

**Ans:** One Solution. So, the solution to the system of equations is  $X = -33$  and  $Y = 25$ . Since we obtained unique values for both  $X$  and  $Y$ , the system of equations has one unique solution.

**[3] Equation  $7x+9y=-5$  has how many keys?**

**Ans:** Infinite

**[4] Equation  $ax^2+bx+c=0$  will be ..... for  $a=b=c=0$  .**

**Ans:** Complete

**[5] Income of A & B is in ratio 2:3. For example, if B's income is Rs 3000, find out the ratio of their expenditures if their savings are Rs 500 & Rs 700, respectively.**

**Ans:** (15/23)