**Aptitude Assignment 1**

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

**Answer:**  The equations x=2 and y=4 represent vertical and horizontal lines, respectively, that intersect at the point (2,4).

2)Equations 2X+3Y=9 & 7X+9Y=-6 have how many solutions?

**Answer:**  No solution

3)Equation 7x+9y=-5 has how many keys?

**Answer:**  2 keys

4)Equation ax^2+bx+c=0 will be ............. for a=b=c=0 .

**Answer:**  The equation ax^2+bx+c=0 will be an identity for a=b=c=0.

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.

**Answer:**  the ratio of their expenditures = A's expenditure : B's expenditure = 1500 : 2300 = 15 : 23