**MATHEMATICS HOMEWORK EXERCISE**s **FOR S2 (All)**

**Q1**. If a=5, b=-4 and c=-3, find the value of

**Q2**. Given that ,what is the value of n.

**Q3**. Simplify by rationalizing the denominator.

**Q4**. Solve for in the equation

**Q5**. Given that find the values of a and b.

**Q6**. Factorize : a)

b)

**Q7**. Solve the simultaneous equation :

**Q8**. Find the value of **a** and **b** from

**Q9**. Find the quotient and the remainder of the division: by

**Q10**. The expression is exactly divisible by and on division by gives a remainder of -12. Calculate the values of **a** and **b** then factorize the expression completely.