**Important questions by anoop sir class 10th**

1. **If p ,q and r are zeroes of polynomial 6x3+3x2−5x+1, then find the value of 1/p+1/q+1/r.**
2. **p and q are zeroes of the quadratic polynomial x2−(k+6)x+2(2k−1). Find the value of k if 2(p + q) = pq**
3. **If a and b are zeroes of the x2+7x+7, find the value of  a−1+b−1−2ab**
4. **If (x - 2) and [x – ½ ] are the factors of the polynomials qx2 + 5x + r prove that q = r**
5. **a,b and c are zeroes of polynomial x3+ px2 + qx + 2 such that**

**a b + 1 = 0. Find the value of 2p + q + 5.**

1. **If p and q are he zeroes of the quadratic polynomial f(x) = x2 – 2x + 3, find a polynomial whose roots are:**
2. **p + 2, q + 2**

**(ii) (p-1)/ (p+1) , (q-1)/(q+1)**