**VELANKANNI PUBLIC SCHOOL**

**R-10 KODUNGAIYUR,CHENNAI-118**

**MATHS**

std-10 chapter-2 polynomials

1. A real number α is called zero of the polynomial f(x) when
2. . The zeroes of the polynomial x2 + 7x + 12 are:
3. If p(x) = x2 + 5x + 2, then the value of p(3) + p(2) + p(0) is
4. The zeroes of the quadratic polynomial x2 + 43x + 222 are:
5. The quadratic polynomial whose zeroes are 5 + 2 and 5 – 2 is:
6. A quadratic polynomial whose sum and product of zeroes are 2 and 1 3 respectively, is:
7. 9 A quadratic polynomial, one of whose zero is 2 + 5 and the sum of whose zeroes is 4 is
8. A quadratic polynomial, one of whose zero is 5 and the product of whose zeroes is – 2 5 is
9. If the product of the zeroes of the quadratic polynomial 3x2 + 5x + k is −2 3 , then
10. If one zero of the polynomial p(x) = 5x2 + 13x – k, is the reciprocal of the other, then