

Chapter 02

POLYNOMIALS

Degree of polynomial in two variables:

In a polynomial of more than one variable, the sum of the powers of variables in each term is computed and the **highest sum** so obtained is called the degree of the polynomial.

Example:

$3x^4 - 2x^3y^2 + 7xy^3 - 9x + 5y + 4$ is polynomial in 'x' and 'y' of degree 5.

Solution:

Degree of $x^3y^2 = 3 + 2 = 5$.

