



Exercise 2A

Question 1:

- (i) It is a polynomial, Degree = 5.
- (ii) It is polynomial, Degree = 3.
- (iii) It is polynomial, Degree = 2.
- (iv) It is not a polynomial.
- (v) It is not a polynomial.
- (vi) It is polynomial, Degree = 108.
- (vii) It is not a polynomial.
- (viii) It is a polynomial, Degree = 2.
- (ix) It is not a polynomial.
- (x) It is a polynomial, Degree = 0.
- (xi) It is a polynomial, Degree = 0.
- (xii) It is a polynomial, Degree = 2.

Question 2:

The degree of a polynomial in one variable is the highest power of the variable.

- (i) Degree of $2x - \sqrt{5}$ is 1.
- (ii) Degree of $3 - x + x^2 - 6x^3$ is 3.
- (iii) Degree of 9 is 0.
- (iv) Degree of $8x^4 - 36x + 5x^7$ is 7.
- (v) Degree of $x^9 - x^5 + 3x^{10} + 8$ is 10.
- (vi) Degree of $2 - 3x^2$ is 2.

***** END *****