

# Mathematics

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(Chapter – 2) (Polynomials)(Exemplar Problems)

(Class – IX)

## Exercise 2.1

Write the correct answer in each of the following:

**Question 2:**

$\sqrt{2}$  is a polynomial of degree

(A) 2

(B) 0

(C) 1

(D)  $\frac{1}{2}$

 **Answer 2:**

(B) 0

**Solution:**

$$\sqrt{2} = \sqrt{2} \cdot x^0$$

The exponent of the variable after simplification is 0, so it is a polynomial of degree 0.

Hence, the option (B) is correct.

