

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 6:

The value of the polynomial $5x - 4x^2 + 3$, when $x = -1$ is

(A) -6 (B) 6 (C) 2 (D) -2

Answer 6:

(A) -6

Solution:

Given polynomial: $p(x) = 5x - 4x^2 + 3$

So, $p(-1) = 5(-1) - 4(-1)^2 + 3 = -5 - 4 + 3 = -6$

Hence, the option (A) is correct.

