

Mathematics

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(Chapter – 13) (Statistics & Probability)(Exemplar Problems)
(Class – X)

Exercise 13.1

Choose the correct answer from the given four options:

Question 15:

If the probability of an event is p , then the probability of its complementary event will be

- (A) $p - 1$ (B) p (C) $1 - p$ (D) $1 - \frac{1}{p}$

Answer 15:

- (C) $1 - p$

Solution:

Since, probability of an event + probability of its complementary event = 1

So, probability of its complementary event = 1 – Probability of an event = $1 - p$

Hence, the option (C) is correct.

