Probability Questions Overview

Probability Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Probability Questions.

Question

One card is drawn from a pack of 52 cards, each of the 52 cards being equally likely to be drawn. Find the probability that the card drawn is either black or a queen.

Difficulty : Moderate   **Average Time : 32 Seconds**

Options :

1. 9/23
2. 13/29
3. 7/13
4. 15/26
5. 1/17

Solution

The correct answer is **Option 3** i.e. **7/13.**

Concept	Understanding	Application	Fair Calculation	Rough Calculation

Probability

There are 26 black cards (including two queens). Besides it there are two more queens (in red colours)

Thus
n (E)   26 + 2 = 28

P (E)   28/52 = 7/13