

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

What is the probability of getting 53 Mondays in 2020?

Difficulty : Moderate

Average Time : 26 Seconds

Options :

1. $3/11$
2. $2/7$
3. $4/13$
4. $1/3$
5. $5/8$



Solution

The correct answer is **Option 2** i.e. $2/7$.

Concept	Understanding	Application	Fair Calculation	Rough Calculation
Probability	2020 is a leap year A leap year has 366 days	A leap year has 52 weeks. Hence there will be 52 Mondays for sure.	$52 \text{ weeks} = 52 \times 7 = 364 \text{ days}$	

In a leap year there will be 52 Mondays and 2 days will be left

- (1) Sunday, Monday
- (2) Monday, Tuesday
- (3) Tuesday, Wednesday
- (4) Wednesday, Thursday
- (5) Thursday, Friday
- (6) Friday, Saturday
- (7) Saturday, Sunday

These 2 days can be

Of these total 7 outcomes, the 2 favourable outcomes are

Hence the probability of getting 53 Mondays in a leap year 2020

