RS Aggarwal Solutions Class 9 Maths Chapter 19: RS Aggarwal Solutions for Class 9 Maths Chapter 19 - Probability provide a detailed guide to understanding the fundamental concepts of probability. This chapter introduces students to the concept of probability, which is essential in various real-life situations and mathematical problems.

With these solutions, students can learn about the basic principles of probability, including sample space, events, and probability of events. The step-by-step solutions provide in this chapter help students develop a clear understanding of different probability scenarios and how to calculate probabilities using various methods.

Practicing with these solutions enables students to strengthen their problem-solving skills and prepare effectively for exams. Overall, RS Aggarwal Solutions for Class 9 Maths Chapter 19 - Probability is as an invaluable resource for students looking to master the concept of probability.

RS Aggarwal Solutions Class 9 Maths Chapter 19 PDF

You can access the PDF for RS Aggarwal Solutions Class 9 Maths Chapter 19 by clicking on the link provided below. This PDF contains detailed solutions to all the exercises and questions covered in Chapter 19, which focuses on Probability. With these solutions, students can enhance their understanding of probability concepts and practice solving a variety of probability problems effectively.

RS Aggarwal Solutions Class 9 Maths Chapter 19 PDF

RS Aggarwal Solutions Class 9 Maths Chapter 19

RS Aggarwal Solutions for Class 9 Maths Chapter 19 help you understand probability easily. These solutions explain each step clearly, so you can solve probability problems with confidence. By practicing with these solutions, you'll get better at figuring out the chances of different events happening. They make learning fun and help you become more confident in math. With these solutions, you'll be well-prepared to tackle any probability problem and succeed in your studies.

RS Aggarwal Solutions Class 9 Chapter 19 - Probability Exercise 19

Question 1.

Solution:

Number of trials = 500 times
Let E be the no. of events in each case, then

∴No. of heads (E1) = 285 times
and no. of tails (E2) = 215 times
∴ Probability in each case will be
∴(i)P(E1) =285/500 = 0.57
(ii) P(E2) = 43/100 = 0.43

Question 2.

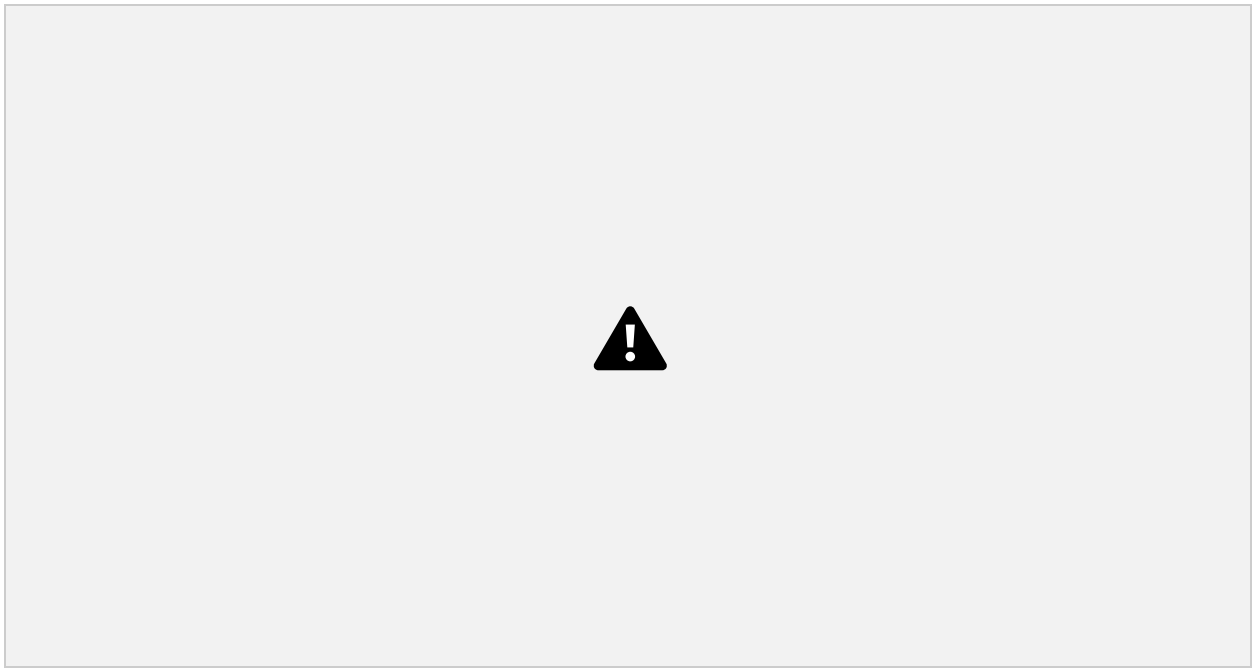
Solution:

No. of trials = 400
Let E be the no. of events in each case, then
No. of 2 heads (E1) = 112
No. of one head (E2) = 160 times
and no. of O. head (E3) = 128 times
∴ Probability in each case will be:
∴ (i)P(E1) = 112/400 = 0.28
(ii)P(E2) = 160/400= 0.40
(iii) P(E3) = 128/400= 0.32 Ans.

Question 3.

Solution:

Number of total trials = 200
Let E be the no. of events in each case, then
No. of three heads (E1) = 39 times
No. of two heads (E2) = 58 times
No. of one head (E3) = 67 times
and no. of no head (E4) = 36 times
∴ Probability in each case will be .
(i) P(E1) =39/200 = 0.195
(ii) P(E3) =58/200 = 0.335
(iii) P(E4) = 67/200= 0.18
(iv) P(E2) = 36/200= 0.29



Question 5.

Solution:

No. of ladies on whom survey was made = 200.
Let E be the no. of events in each case.
No. of ladies who like coffee (E1) = 142
No. of ladies who like coffee (E2) = 58
Probability of
(1) P(E1) = 142/200 = 0.71
(ii) P(E2) =58/200 = 0.29 Ans.

Question 6.

Solution:

Total number of tests = 6
No. of test in which the students get more than 60% mark = 2
Probability will he
P(E) = 1/3

Question 7.

Solution:

No. of vehicles of various types = 240
No. of vehicles of two wheelers = 64.
Probability will be P(E) = 7/20= 0.35

Question 8.

Solution:
No. of phone numbers are one page = 200
Let E be the number of events in each case,
Then (i) P(E5) =24/200 = 0.12
(ii) P(E8) = 16/200= 0.08.

Question 9.

Solution:
No. of students whose blood group is checked = 40
Let E be the no. of events in each case,
Then (i) P(E0) =14/40 = 0.35
(ii) P(EAB) = 6/40= 0.15

Question 10.

Solution:
No. of total students = 30.
Let E be the number of elements, this probability will be of interval 21 – 30
P(E) =1/5 = 0.2

Question 11.

Solution:

Total number of patients of various age group getting medical treatment
= 360
Let E be the number of events, then
(i) No. of patient which are 30 years or more but less than 40 years = 60.
P(E) = 60/360
(ii) 50 years or more but less than 70 years = 50 + 30 = 80
P(E) = 80/360
(iii) Less than 10 years = zero
P(E) = 0/360= 0
(iv) 10 years or more 90 + 50 + 60 + 80 + 50 + 30 = 360

Benefits of RS Aggarwal Solutions Class 9 Maths Chapter 19 - Probability

Here are the benefits of using RS Aggarwal Solutions for Class 9 Maths Chapter 19 - Probability:

Clear Understanding: The solutions provide clear explanations and step-by-step procedures to solve probability problems, helping students grasp the concepts easily.

Practice Exercises: The solutions include a variety of practice exercises with solutions, allowing students to reinforce their understanding and improve their problem-solving skills.

Comprehensive Coverage: RS Aggarwal Solutions cover all topics and concepts of probability, ensuring that students are well-prepared for exams and assessments.

Confidence Building: By providing thorough explanations and solutions, these materials help build students' confidence in tackling probability problems independently.