

RD Sharma
Solutions

Class 7

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OBJECTIVE TYPE QUESTIONS

Mark the correct alternative in each of the following:

- An unbiased coin is tossed once, the probability of getting head is
 (a) $\frac{1}{2}$ (b) 1 (c) $\frac{1}{3}$ (d) $\frac{1}{4}$
- There are 10 cards numbered from 1 to 10. A card is drawn randomly. The probability of getting an even numbered card is
 (a) $\frac{1}{10}$ (b) $\frac{1}{5}$ (c) $\frac{1}{2}$ (d) $\frac{2}{5}$
- A dice is rolled. The probability of getting an even prime is
 (a) $\frac{1}{6}$ (b) $\frac{1}{3}$ (c) $\frac{1}{2}$ (d) $\frac{5}{6}$
- There are 100 cards numbered from 1 to 100 in a box. If a card is drawn from the box and the probability of an event is $\frac{1}{2}$, then the number of favourable cases to the event is
 (a) 20 (b) 25 (c) 40 (d) 50
- When a dice is thrown, the total number of possible outcomes is
 (a) 6 (b) 1 (c) 3 (d) 4
- There are 10 marbles in a box which are marked with the distinct numbers from 1 to 10. A marble is drawn randomly. The probability of getting prime numbered marble is
 (a) $\frac{1}{2}$ (b) $\frac{2}{5}$ (c) $\frac{9}{3}$ (d) $\frac{3}{10}$
- The probability of getting a red card from a well shuffled pack of cards is
 (a) $\frac{1}{4}$ (b) $\frac{1}{2}$ (c) $\frac{3}{4}$ (d) $\frac{1}{3}$
- A coin is tossed 100 times and head is obtained 59 times. The probability of getting a tail is
 (a) $\frac{59}{100}$ (b) $\frac{41}{100}$ (c) $\frac{29}{100}$ (d) $\frac{43}{100}$
- A dice is tossed 80 times and number 5 is obtained 14 times. The probability of not getting the number 5 is
 (a) $\frac{7}{40}$ (b) $\frac{7}{80}$ (c) $\frac{33}{40}$ (d) None of these
- A bag contains 4 green balls, 4 red balls and 2 blue balls. If a ball is drawn from the bag, the probability of getting neither green nor red ball is
 (a) $\frac{2}{5}$ (b) $\frac{1}{2}$ (c) $\frac{4}{5}$ (d) $\frac{1}{5}$

ANSWERS

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|--------|--------|---------|--------|--------|--------|--------|
| 1. (a) | 2. (c) | 3. (a) | 4. (d) | 5. (a) | 6. (b) | 7. (b) |
| 8. (b) | 9. (c) | 10. (d) | | | | |