

IX - Mathematics Assignment No-05 - Probability.Fill the Gap.

- Q1. The probability of an event can never be \_\_\_\_\_ than one.
- Q2. If the probability of happening of an event is  $\frac{3}{5}$  then the probability of not happening is \_\_\_\_\_
- Q3. A dice is tossed once. The probability prime number is \_\_\_\_\_
- Q4. In a pack of cards, the probability of red green is \_\_\_\_\_
- Q5. A Box contains 25 bulbs out of which 10 are defective. The probability of non defective bulb is \_\_\_\_\_
- Q6. A pair of dice is tossed. The probability of non doublet is \_\_\_\_\_
- Q7. If a coin is tossed 100 times then the no. of outcomes in sample space  $\frac{\text{is}}{\text{are}}$  \_\_\_\_\_

Cont-Pg-2

- Q8. The sum of the probabilities of all the elementary events of an experiment is \_\_\_\_\_
- Q9. The probability of an event is greater than or equal to \_\_\_\_\_ and less than or equal to \_\_\_\_\_
- Q10. Probability of an event A + Probability of the event 'not A' is \_\_\_\_\_
- Q11. A coin is tossed once, its sample space is/are \_\_\_\_\_
- Q12. A dice is tossed once. The probability of 7 is \_\_\_\_\_

ANSWERS

Q1. Greater	Q6. $\frac{5}{6}$	Q11. {H, T}
Q2. $\frac{2}{5}$	Q7. $2^{100}$	Q12. 0
Q3. $\frac{1}{6}$	Q8. 1	
Q4. $\frac{1}{2}$	Q9. 0, 1	
Q5. $\frac{3}{5}$	Q10. 1	