<u>Probability: Worksheet -1</u>

1. Out of 35 students Participating in a debate 10 are girls. The Probability that winner is a boy is [   ]

   (A) 1   (B)2/7   (C)3/7   (D)5/7

2. There are 5 balls, each of the colours white, blue, green, red and yellow in a bag. If 1 balls is drawn from the bag, then the Probability that the ball drawn is red is [   ]

   (A)4/5   (B)1/4   (C)1/5   (D)1/20

3. If P(E)= 0.25 what is the value of P(not E) [   ]

   (A) 0.5   (B) 1   (C) 0   (D) 0.75

4. Sum of the probabilities of all events of a trial is [   ]

   (A) less than 1   (B) greater than 1

   (C) lies between 0 and 1   (D) 1

5. A four-digit number is to be formed by using the digits 2, 4, 7, 8. The Probability that the number will start with 7 is [   ]

   (A)3/4   (B)1/4   (C)1/3   (D)1/7

6. The probability of an event of a trial: [   ]

   (A) is 1   (B) lies between 0 and 1 (both inclusive)

   (C) is 0   (D) is greater than 1

7. A die is thrown once, the probability of getting a prime number on the die is : [   ]

   (A)1/6   (B)1/3   (C)1/2   (D)2/3

8. If two coins are tossed, then the probability of getting no tail is :

   [   ]

   (A)-1/4   (B)1/4   (C)1/5   (D)3/4

9. If is dice is thrown once what is the probability of getting an even prime number. [   ]

   (A)1/6   (B)1/2   (C)2/3   (D) 1

10. A card id drawn from a pack 52 cards what is the probability of getting a non ace card. [   ]

   (A)1/13   (B)12/13   (C)1/4   (D) none of these

11. The minimum value of probability is [   ]

   (A) 1   (B)1/2   (C) 0   (D) none of these

12. Performing an experiment once is called [   ]

   (A) Trial   (B) Event   (C) Probability   (D) none of these

13. What is probability of a number greater than 6 for a single throw of a die? [   ]

   (A) 0   (B) 1   (C)1/2   (D) none of these

14. If P(E)= 3/4. what is value of $P(\bar{E})$. [   ]

   (A)3/4   (B)1/4   (C) 1   (D) none of these

15. A card is drawn from a pack of 52 playing cards. What is the probability of getting an king of black colour [   ]

   (A)1/52   (B)4/52   (C)1/4   (D) none of these

16. A coin is tossed 2 times what is probability of getting at most 2 heads. [   ]

   (A)3/4   (B)1/2   (C)1/4   (D) none of these