**Assignment**

**Class 10**

**Ch. – 14(Statistics)**

**(1)** The probability of a leap year selected at random contain 53 Sunday is:

 (a) 53/ 366

(b) 1/7

(c) 2/7

(d) 53/365

**(2)**   A bag contains 3 red and 2 blue marbles. A marble is drawn at random. The probability of drawing a black ball is :

(a) 3/5

(b) 2/5

(c) 0/5

(d) 1/5

**(3)**   The probability that it will rain tomorrow is 0.85. What is the probability that it will not rain tomorrow

(a) 0.25

(b) 0.145

(c) 3/20

(d) none of these

**(4)**   What is the probability that a number selected from the numbers (1, 2, 3,..........,15) is a multiple of 4?

(a) 1/5

(b) 4/5

(c) 2/15

(d) 1/3

**(5)**   What are the total outcomes when we throw three coins?

(a) 4

(b) 5

(c) 8

(d) 7

**(6)**   The probability that a prime number selected at random from the numbers (1,2,3, ..........35) is :

(a) 12/35

(b) 11/35

(c) 13/35

(d) none of these

**(7)**   The sum of the probability of an event and non event is :

(a) 2

(b) 1

(c) 0

(d) none of these.

**(8)**   The following probabilities are given; choose the correct answer for that which is not possible.

(a) 0.15

(b) 2/7

(c) 7/5

(d) none of these.

**(9)**   If three coins are tossed simultaneously, than the probability of getting at least two heads, is

(a) 1/4

(b) 3/8

(c) 1/2

(d) 1/8

**(10)**   A letter is chosen at random from the letters of the word �ASSASSINATION�. The probability that the letter chosen has:

(a) 6/13

(b) 7/13

(c) 1

(d) none of these