**Assignment**

**Class 9**

**Ch. – 15(Probability)**

1. The probability that a number selected at random from the numbers 1, 2, 3, 4, …, 15 is a multiple of 4 is
(a) 415
(b) 215
(c) 15
(d) 13
2. If two different dice are rolled together, the probability of getting an even number on both dice is:
(a) 136
(b) 12
(c) 16
(d) 14
3. If the probability of an event is P, the probability of its complementary event will be:
(a) P – 1
(b) P
(c) 1 – p
(d) 1 – 1p
4. If P(A) denotes the probability of an event then:
(a) P(A) < 0
(b) P(A) > 0
(c) 0 ≤ P(A) ≤ 1
(d) -1 ≤ P(A) ≤ 0
5. A card is selected from a deck of 52 cards. The probability of its being a red face card is:
(a) 326
(b) 313
(c) 213
(d) 12
6. When a die is thrown, the probability of getting an odd number less them 3 is:
(a) 16
(b) 13
(c) 12
(d) 0
7. The probability of getting a bad egg in a lot of 400 is 0.035. The number of bad eggs in the lot is:
(a) 7
(b) 14
(c) 21
(d) 28
8. One ticket is drawn at random from a bag containing tickets numbered 1 to 40. The probability that the selected ticket has a number which is a multiple of 5 is:
(a) 15
(b) 35
(c) 45
(d) 13