X – Mathematics Assignment No-05 – Probability

M.C.Q.

Q1. A coin is tossed once. The Probability of head is

(i) $\frac{1}{2}$ (ii) $\frac{1}{3}$ (iii) $\frac{1}{4}$ (iv) $\frac{1}{5}$

Q2. A coin is tossed two times, the probability of 1 head is

(i) $\frac{1}{4}$ (ii) $\frac{1}{2}$ (iii) $\frac{1}{3}$ (iv) $\frac{1}{5}$

Q3 A coin is tossed three times. the number of outcomes are

(i) 4 (ii) 6 (iii) 8 (iv) 10

Q4. A dice is tossed once. The number of outcomes are

(i) 2 (ii) 3 (iii) 4 (iv) 6

Q5. A dice is tossed two times, the probability of doublet is

(i) $\frac{1}{6}$ (ii) $\frac{2}{6}$ (iii) $\frac{3}{6}$ (iv) $\frac{4}{6}$

Pg-2

Q6. If the probability of an event A is $\frac{5}{13}$, the probability of not A is

(i) $\frac{6}{13}$ (ii) $\frac{8}{13}$ (iii) $\frac{10}{13}$ (IV) $\frac{12}{13}$

Q7. The probability of an event is always

(i) Equal to 1   (ii) greater than 1   (iii) less than 1

(iv) none of these

Q8. In a pack of cards, the probability of black card is

(i) $\frac{1}{3}$ (ii) $\frac{1}{4}$ (iii) $\frac{1}{5}$ (IV) $\frac{1}{2}$

Q9. A Box contains 5 Red and 6 White balls. The probability of Red ball is

(i) $\frac{5}{11}$ (ii) $\frac{6}{11}$ (iii) $\frac{7}{11}$ (iv) $\frac{8}{11}$

Q10. Probability of happening Plus Probability of not happening is

(i) 0   (ii) 1   (iii) 2   (iv) 3

ANSWERS:

(Q1) (i)	(Q4) (iv)	(Q7) (iii)	(Q10) (ii)
(Q2) (ii)	(Q5) (i)	(Q8) (iv)	
(Q3) (iii)	(Q6) (ii)	(Q9) (i)	