

X- Mathematics Assignment No-06- Probability

Q1. In a pack of cards, the probability of spade is

- (i) $\frac{12}{13}$ (ii) $\frac{11}{13}$ (iii) $\frac{1}{4}$ (iv) $\frac{1}{3}$

Q2. From a pack of cards, the probability of face cards is

- (i) $\frac{16}{52}$ (ii) $\frac{12}{52}$ (iii) $\frac{13}{52}$ (iv) $\frac{10}{52}$

Q3. A card is drawn from a pack of cards. Find the probability that it is a card of club is

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

Q4. Find the probability that a non-leap year contains 53 Sundays is

- (i) $\frac{1}{7}$ (ii) $\frac{2}{7}$ (iii) $\frac{3}{7}$ (iv) $\frac{4}{7}$

Q5. A bag contains 7 white and 5 blue balls. The probability of white ball is

- (i) $\frac{5}{12}$ (ii) $\frac{7}{12}$ (iii) $\frac{9}{12}$ (iv) $\frac{11}{12}$

Cont-Pg-2 →

Q6. A Card is drawn from a pack of Cards. The probability of not a heart is

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

Q7. A pair of dice is thrown. The probability of getting a sum total 10 is

- (i) $\frac{1}{12}$ (ii) $\frac{1}{36}$ (iii) $\frac{5}{36}$ (iv) $\frac{7}{36}$

Q8. A Coin is tossed three times, The probability of 3 heads is

- (i) $\frac{4}{8}$ (ii) $\frac{6}{8}$ (iii) $\frac{2}{8}$ (iv) $\frac{1}{8}$

Q9. The number of face Cards in a pack of Cards are

- (i) 4 (ii) 8 (iii) 12 (iv) 16

Q10. The Probability of a Sure event is

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

ANSWERS:-

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