Question Bank for PG Course

Commerce
Paper-XIV
Advanced Statistical Concepts & Tools : PGCO-XIV

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

2. What is Sample?

3. What is population constant?

4. What is the difference between a statistic and the parameter?

5. What is the probability of each event, when a coin is tossed for 1000 times with frequencies: Head:455 & Tail: 545 ?

6. What is sampling without replacement?

7. What is the sum of all probabilities?

8. What is the range of probability lies between?

9. If P(E) = 0.44, then what will be P(not E) ?

10. What is the probability of drawing an ace card from a deck of cards ?

11. If the probability of an event to happen is 0.3, then what is the probability of the event not happening ?

12. A batsman hits boundaries for 6 times out of 30 balls. What is the probability that he did not hit the boundaries?

13. Three coins were tossed 200 times. The number of times 2 heads came up is 72. Then, what is the probability of 2 heads coming up ?

14. What is standard deviation of any sampling distribution ?

15. What does it called when a random sample is drawn from each stratum ?