Business Statistics (E.M) - ICom Part 2 Business Statistics Chapter 5 Short Questions Test

Q1. What is sure event.

Ans 1: An event which contains all point /elements of the sample space is called sure event.

Q2. What is simple space.

Ans 1: A set of sample points which represents all possible outcomes of the random experiment is called sample space.

Q3. Define random variable.

Ans 1: A vriable whose values are determined by the outcomes of a random experiment is called a random variable.

Q4. Waht are mutually exclusive events and give their two example

Ans 1: Events whihc may not occur together are called mutaually exclusive evnet. In other words, if one occur, other may not occur. for example walk and drive , married and single.

Q5. Define dependent events.

Ans 1: Events which have effecton happening or not happening of each other are called dependent events.

Q6. Define probability

Ans 1: A numebr expresing the likelihood that a specific event will occur. expressed as the ratio of the number of actual occurrence to the number of possible occurrenceis called probability.

Q7. What is addition law for mutually exclusive events.

Ans 1: If A and B are two mutually exclusive events, then the probability that A occurs plus the probabiity that B occurs represent the addition law of mutually exclusive events.

Q8. Define independent event.

Ans 1: Events which have no effect on happening and not happening of each other are called independent events.

Q9. What is conditional probability.

Ans 1: If A and B are events given on a sample space S, the probability that B occurs given that A has already occurred is called conditional probability.

Q10. What is probability of black cards among 52 playing cards.

Ans 1: 26/52