Statistics - ICS Part 2 Statistics English Medium Chapter 1 Short Questions Preparation

Q1. If St: deviation of a normal variate is 20, then what would be the value of M.D ?

Ans 1:

Q2. Why correction for continuity is in above transformation ?

Ans 1: To make discrete Binomial variable X as continuous Normal variable.

Q3. What are the five important properties of Normal Distribution ?

Ans 1:

Q4. What are the mean and standard deviation of a Standardized normal Variate Z ?

Ans 1: E (Z) = 0 and S.D (Z) = 1

Q5. What stands for Z in normal distribution ?

Ans 1: Z is a standardized normal variate (SNV) having zero mean and unit variance.

Q6. What is the maximum value of ordinate of Z and where it happens ?

Ans 1: The maximum value of ordinate if f(z) = 0.3989 when Z = 0.

Q7.

Ans 1: These are independent of each other.

Q8.

Ans 1: Approximately 68.26% and 99.73% of the total area fall in the stated intervals respectively.

Q9. When Binomial distribution in approximated by Normal Distribution ?

Ans 1:

Q10. How many points of infection have the Normal Distribution ?

Ans 1: