

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

Q1. How many points of infection have the Normal Distribution ?
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 stands for Z in normal distribution ?
Ans 1: Z is a standardized normal variate (SNV) having zero mean and unit variance.
Q4.
Ans 1: Approximately 68.26% and 99.73% of the total area fall in the stated intervals respectively.
Q5. What are the five important properties of Normal Distribution ?
Ans 1:
Q6. When Binomial distribution in approximated by Normal Distribution ?
Ans 1:
Q7.
Ans 1: These are independent of each other.
Q8. If St: deviation of a normal variate is 20, then what would be the value of M.D?
Ans 1:

Q9. 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.

Q10. What are the mean and standard deviation of a Standardized normal Variate Z?

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