Statistics - ICS Part 2 Statistics English Medium Chapter 3 Short Questions Preparation

Q1.

Ans 1:

Q2. What is meant by "Confidence coefficient" ?

Ans 1: It is the probability that a random interval encloses the population parameter.

Q3. Why correction for continuity is in above transformation

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

Q4. Is it true that width of confidence interval depends upon the estimator ?

Ans 1: No. The width of C.I depends upon standard error and confidence coefficient.

Q5. It is true that an increase in the sample size will result an increase in the value of standard error ?

Ans 1: An increase in the sample size would result a decrease in the value of standard error and therefore as result width of the confidence interval will be decreased.

Q6. What is mean by "Level of Confidence" ?

Ans 1: It is the confidence coefficient expressed in percentage form.

Q7. What is difference between the estimator and estimate ?

Ans 1: An estimator is a formula or function, which can assume different possible values for different samples where as an estimate is one of the possible numerical value of an estimator for a certain simple.

Q8. What does interval estimator (or confidence interval) mean ?

Ans 1: It is a random interval of the sample data that is expected to include the unknown parameter it its range with a certain degree of confidence.

Q9. Is it true that failure to reject the H_0 means the acceptance of H_A ?

Ans 1:

Q10.

Ans 1:
