**STA301 Final Term Exam Papers August-2023**

Sta301Final Term Important Topic

❖ Covariance of two Random Variables
❖ Correlation of coefficient of two random variables + Example
❖ Binomial Distribution with properties
❖ Formula of binomial Distribution + See formula of
❖ Mean and variance on Properties of Binomial experiments
❖ Hypergeometric Distribution Properties + Formula..
❖ Properties of Hypergeometric Distribution with properties
❖ Poisson Distribution
❖ Properties + Formula + just see examples
❖ Uniform Distribution + Formulas (219,220)
❖ Normal Distribution Properties + formulas( see images)
❖ Infrential Statistics + Types of Infrential statistics
❖ Definitions +Formulas
❖ Mean and Variance of Population Distribution
❖ Mean and variance of Sampling Distribution
❖ Sampling Distribution of P hat
❖ Sampling distribution of difference of two values
❖ Point Estimation
❖ Desirable qualities
❖ Efficiency
❖ Method of Point Estimation
❖ Method of Moments
❖ Confidence interval Formula
❖ Hypothesis testing
❖ Definitions Formulas + properties
❖ Level of Significance
❖ Type1 And Type2 Error
❖ Requirements of T-Test
❖ Requirements of F-Test
❖ Formulas + Properties + Mean and Variance Formulas