Course Name: Statistical Analysis & Applications	Course Code: GEN 234
Course Level: Second Level	Course Dr. Name: Alaa Hashem Abdel-Hamid

Status: Pass ☐   Not Pass: ☐

Write on one of the following two proposals
Proposal 1

Research Title: Statistical Analysis and its Applications **(1)**
Write on four points only of the following:

1. Sampling distribution of the sample (variance).
2. Point estimation for populations mean and variance with their properties.
3. Confidence interval for the population mean
4. Tests of hypotheses concerning the population variance.
5. Analysis of variance.

Proposal 2

Research Title: Statistical Analysis and its Applications **(2)**
Write on four points only of the following:

1. Sampling distribution of the sample (mean).
2. Point estimation for the difference between two population means and its properties.
3. Confidence interval for the population variance
4. Tests of hypotheses concerning the population mean.
5. Analysis of variance.

With my best wishes.
Dr. Alaa Hashem Abdel-Hamid

Professor of Mathematical Statistics