



**Final Exams - First Semester: First Trial
2023 – 2024**

Q1 /A- How to Choose the title of your research in Applied Statistics, with give title name by example

B - Writing the steps of Collecting the Data and which the best way

Q2 / What is the different between:

A- Conceptual research and Empirical research

B- Descriptive research and analytical research

Q3 /A- comparison Nonprobability Sampling with Probability Sample ,with give example in Snowball Sampling.

B- you have the table

	Region	N	Mean	Std. Deviation	Std. Error Mean
Weight at birth (Kilograms)	North	310	3.14088	.816347	.046364
	South/center	2575	3.14475	.718052	.014150

Explain the result with give title of research for this table

Q4 / A- What the meaning of Hypothesis-testing, for which using ?

B- Writing the parts of research design

Q5 / A- Give the basic principles of experimental designs from view Professor Fisher

B- Define Sampling errors, explain the relation with sample size

Note: any question 10 Mark

Good Luck