MAKERERE UNIVERSITY BUSINESS SCHOOL

TAKE HOME EXERCISE FOR THE DEGREE OF BACHELOR OF BUSINESS STATISITCS OF MAKERERE UNIVERSITY ACADEMIC YEAR 2024/2025 SEMESTER ONE

COURSE NAME: SAMPLING THEORY **YEAR OF STUDY:** TWO

COURSE CODE: BBM2102 **DATE:** 23RD AUGUST 2024

INSTRUCTIONS

1. **Submit this individually in the next two weeks (11th September 2024)**
2. **Your answers should not exceed five pages**
3. **Either handwritten or typed work is accepted**

Qn1: With clear examples, differentiate between sampling errors and non-sampling errors.

Qn2: Discuss at least five examples of non-sampling errors.

Qn3: Explain the situations where cluster sampling is most appropriately used.

Qn4: State and explain the properties of a good estimator.

Qn5: Differentiate between baseline, endline, and follow-up surveys in project implementation, and explain how they complement each other.

Qn6: Access the Uganda Bureau of Statistics website. Identify at least two surveys that have been conducted. For each survey, summarize the objectives, survey design, sampling methodology, and sample size used.

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