MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018

SECOND YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTERS IN MONITORING AND EVALUATION

CITY CAMPUS

PME 823: DATA MANAGEMENT AND ANALYSIS

Date: 5th June, 2018   Time: 5.00 - 8.00pm

INSTRUCTIONS:

- Answer ANY FOUR Questions.

1. Using a diagram, explain how data flow concept applies to research projects.

   [15 Marks]

2. The research assistants all contribute some analysis towards a joint paper with the lead researcher. At the end of the study the journal is demanding that the lead researcher make the data available to reviewers so that results can be verified. Discuss potential difficulties that could arise due to poor planning of data management and good practice guidelines that could help avoid them.

   [15 Marks]

3.

a) Discuss the steps required to build a field data collection Plan?

   (5 Marks)

b) Enumerate **FIVE** benefits of using mobile phones in large-scale data collection efforts?

   (10 Marks)

4. Discuss the challenges of using mobile devices in collecting data

   (15 Marks)

5.

a) What are some of the reasons for baseline data not being collected at the start of the project?

   (6 Marks)

b) How could you reconstruct baseline data on the conditions of the communities and the project participants at the start of the project?

   (5 Marks)

c) What strategies could you use to reduce the costs of the evaluation while ensuring maximum possible rigor? **(4 Marks)**

6.

Data was collected using six different questionnaires relating to individual households, community health center, school, integrated child development services, and other village infrastructure. Discuss the appropriate mode of data collection that greatly simplifies data collection involving multiple questionnaires. **(15 Marks)**