

Uganda Martyrs University

Faculty of Agriculture

Academic Year 2021/2022

MSc Monitoring and Evaluation

Module: MME 4208 Research Methods for Monitoring and Evaluation
Time: 09:30am to 12:30pm Date: 09th July 2022

Instructions

- i. Answer ALL Questions in Section A and three in B
 - ii. Question 1 in section B is compulsory
 - iii. Any rough work should be done on the answer booklet
 - iv. Time: 3 hours
-

SECTION A

1. As a researcher, under what circumstances would you use Snowball Sampling Technique? State the shortcomings of this techniques (5 marks)
2. What is a variable? Explain two types of variables (5 marks)
3. In your opinion, why is ethical consideration necessary in a research (5 marks)
4. State conditions that might limit the research findings from being generalized to the entire population (5 marks)
5. Explain the process of data analysis (5 marks)

SECTION B

1. Drugs are often a part of television shows or movies. There are certain risk factors that increase the chances that a person will begin abusing drugs. These risk factors include having a family history of drug abuse or alcohol abuse, being exposed to people who commonly use drugs, living in poverty, underachieving in school, having a mental health disorder such as depression after break up of a relationship, and being able to easily access drugs.
As a Monitoring and Evaluation specialist, you are hired to assess different information outlets on drugs, with a view to identify and profile those that discourage drug use versus the ones that tend to entice teens into drug use.
 - a. State three research questions that would guide your data collection (6 marks)
 - b. What type of information (qualitative, quantitative, or both) would you collect and why? (5 marks)

- c. Explain the study design you would use, highlighting relevant data collection method(s) **(8 marks)**
- d. What would be the strengths and limitations of your study design, and how can the limitations be overcome? **(6 marks)**
2. a) Outline the major methodological differences between qualitative and quantitative research **(10marks)**
- b) From your own understanding of research methodology, state three challenges which researchers are like to face in Monitoring and Evaluation and suggest a solution to each **(15 marks)**
3. a) What does the term sampling mean? **(5 marks)**
- b). State and explain 4 types of probability sampling, indicating the strengths and limitations of each sampling technique **(20 marks)**
4. a) State and explain major functions of literature review in a research proposal **(7 marks)**
- b) Give 3 reasons why research is important for development intervention programmes **(6 marks)**
- c) Briefly explain 3 types of study designs in quantitative research **(6 marks)**
- d) Explain the relationship between a research question and objective **(6 marks)**