



"Investing in Africa's Future"

COLLEGE OF HEALTH, AGRICULTURE & NATURAL SCIENCES

SNS 308 RESEARCH METHODOLOGY

END OF SECOND SEMESTER EXAMINATIONS

APRIL/MAY 2018

LECTURER: DR SHIRIPINDA

DURATION: 3 HOURS

INSTRUCTIONS

1. Do not write your name on the answer sheet
2. Use Answer Sheets Provided
3. Begin your answer for Each Question on a New Page
4. Credit is Given for Neat Presentation
5. Answer all questions in Section A. Total 20marks
6. Answer any 5 questions in Section B. Total 50 Marks.



Answer ALL the following questions briefly.

1. What is research methodology? [2marks]
2. Describe two quantitative research methods [2marks]
3. Discuss the advantages of using qualitative research methods [2marks]
4. Explain why it is good to use two or more data collection techniques when collecting data. [2marks]
5. What is applied health research? [2marks]
6. What is a case study and its importance in research [2marks]
7. Emic and etic views are very crucial in understanding phenomena under study. Explain [2 marks]
8. What are variables? Define three types of variables? [2 marks]
9. Describe the difference between data collection techniques and data collection tools. [2 marks]
10. What is a Focus Group Discussion? What type of data comes out of it and what are the challenges involved in holding one? [2 marks]

SECTION B. Choose any 5 Questions. Total 50 marks

1. Describe the different types of research questions that are used in ethnographic research. In your answer explain fully the advantages of using the different types of research questions [10marks]
2. Any research to be carried out should have a clear problem statement.
 - i) Come up with a problem that you would like to look at and analyze it
 - ii) Prepare the statement of the problem
 - iii) Formulate research objectives and research questions[10 marks]



3. Describe three study designs and explain the purpose of using them in Health research? In your answer, illustrate their applicability to the nature of the research question under study [10 marks]
4. There are some medical studies that have gone down into history as unethical and have given rise to modern day Ethical Review Boards.
- i) Describe one such study fully.
 - ii) Describe how you could have planned the study differently today taking into account all the fundamental ethical principles. [10 marks]
5. Any researcher doing a study wants to be able to generalize their study findings to a wider population.
- i) Explain the extent to which study results for convenience sampling, especially in clinical studies, meets (or not) the goal of generalization of results
 - ii) Explain fully what quota sampling is and its advantages over convenience sampling. How quota sampling can be used instead of convenience sampling. [10 marks]
6. Define a study population of your choice, with the different study units. Describe in detail the appropriate sampling procedures that you will use for your study taking into account whether you will be having a sampling frame or not. [10marks]
7. One of the requirements for fulfilling any degree program at Africa University is that one carries out a research project.
- i) Discuss the factors to be considered when preparing a plan for data collection
 - ii) How do you ensure that the project can be carried out? Explain
 - iii) What challenges can you expect in trying to carry out the research project?
 - iv) List the aspects you will include in the data collection plan [10 marks]
8. There are many ways for analyzing data depending on the kind of data you will have collected or that is available to you. Using data from Demographic Health Surveys (DHS), explain the advantages one has of using such data compared to the one that collects data themselves. What instruments would you use to analyze the data? [10 marks]

THE END

