AFRICA UNIVERSITY

(A United Methodist-Related Institution)

"Investing in Africa's Future"

FACULTY OF HEALTH SCIENCES

2015 END OF MODULE EXAMINATIONS

COURSE CODE: SHS 204

COURSE TITLE: Research Methods and Ethics in Health Care

DATE: November 2015

TIME: 3 hours

INSTRUCTIONS

Answer **ALL questions from Section A and ANY THREE** questions from section B.

Section A carries 40 marks and each question in Section B carries 20 marks.

The mark allocation for each question is indicated at the end of the question

Credit will be given for logical, systematic and neat presentations.

Total marks: 100

Section 1 (all answers in this section should not exceed a page)

1. Define the following terms in research: research, study type, study design, validity, reliability and triangulation (8 marks).

2. Name and describe the different study types in Health research (6 marks).

3. State various sources of bias in data collection and ways of preventing bias (6 marks)

4. Choose one qualitative data collection technique and describe its advantages and disadvantages (5 marks)

5. Choose one quantitative data collection technique and describe its advantages and disadvantages (7 marks).

6. Why is it necessary to carry out a pre-test or pilot study before a proposed study? (8 marks).

SECTION 2

Question 1.

Researchers, whether from the government or academic institutions, are often taken seriously by participants when carrying out research. Some participants can be very trusting of scientists to the extent of being naïve.

With the help of one research that has shaped research politics, describe and critic how scientists have manipulated participants to their researches and abused their positions as researchers.

Marks will be awarded for thick descriptions and for pointing out the gaps in the scientific protocol the chosen research suffered (20 marks).

Question 2.

Describe various data collection techniques applied in Applied Health Research and state their uses and limitations (20 marks).

Question 3

There are different types of questions used in questionnaires. Describe the different types of questions that can be used, stating the advantages and disadvantages.

Question 4

3. State the benefits of using a combination of different data collection techniques (5 marks).