



"Investing in Africa's future"

COLLEGE OF HEALTH AGRICULTURE AND NATURAL SCIENCES

NACP214: RESEARCH METHODS

END OF SECOND SEMESTER EXAMINATION

APRIL 2026

LECTURER: DR. S. CHAKEREDZA

DURATION: 3 HRS

INSTRUCTIONS

Answer all questions in Section A and any **three** from Section B

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

SECTION A: Answer ALL questions. [40 marks total].

Question 1

- a. Define research methods in agriculture. [2]
 - b. State any two (2) objectives in agricultural research. [4]
 - c. Differentiate basic from applied research. [6]
 - d. Identify one example of a quantitative research. [2]
 - e. Name two characteristics of a good research. [6]
 - f. Define sampling. [2]
 - g. What is random sampling? [4]
 - h. Describe stratified sampling. [6]
 - i. What is a variable? [2]
 - j. Giving an examples, outline the use of survey research in agriculture. [6]
- [40]**

SECTION B: Answer any three questions. Each question carries 20 marks.

Question 2

Discuss the importance of research methods in solving agricultural problems. [20]

Question 3

Explain the steps involved in developing a research proposal. [20]

Question 4

Explain the steps involved in developing a research proposal. [20]

Question 5

Explain the differences between qualitative and quantitative research with examples from agriculture. [20]

Question 6

Analyze the importance of indigenous knowledge systems in shaping research agendas in Sub-Saharan Africa. [20]

END OF QUESTION PAPER!!!