



"Investing in Africa's future"

COLLEGE OF HEALTH AGRICULTURE AND NATURAL SCIENCES

NAAS212: AGRICULTURAL EDUCATION AND EXTENSION

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.

Question 1

- a. Define agricultural extension. [3]
- b. State two objectives of agricultural extension. [4]
- c. Name three principles of agricultural extension. [6]
- d. List two functions of an extension worker. [3]
- e. What is the importance of demonstration plots? [2]
- f. What is the role of mass media in extension? [4]
- g. State two challenges faced by extension services in developing countries. [4]
- h. differentiate top-down from bottom-up extension approaches. [4]
- i. What is the role of ICT in agricultural extension? [3]
- j. Define farmer-to-farmer extension. [3]
- k. What is the role of cooperatives in extension? [4]

[40]

SECTION B: Answer any three questions.

Question 2

Discuss the historical development of agricultural extension in your country. [20]

Question 3

Analyze the role of extension in rural development. [20]

Question 4

Discuss the importance of communication models in agricultural extension. [20]

Question 5

Assess the role of women in agricultural extension programs. [20]

Question 6

Evaluate the effectiveness of farmer field schools as an extension approach. [20]

END OF QUESTION PAPER!!!