

**GWANDA STATE UNIVERSITY**



**FACULTY OF NATURAL RESOURCES MANAGEMENT AND AGRICULTURE**

**DEPARTMENT OF ANIMAL PRODUCTION AND HEALTH**

**BACHELOR OF SCIENCE HONOURS DEGREE IN ANIMAL PRODUCTION AND  
HEALTH**

**AGRICULTURE EXTENSION AND COMMUNICATION SKILLS**

**NAP2104**

**First Semester First Segment Main Examination**

**SEPTEMBER 2024**

This examination paper consists of 3 pages

**Time Allowed:** 3 hours  
**Total Marks:** 100  
**Special Requirements:** None  
**Examiner's Name:** Dr S. Moyo

**INSTRUCTIONS**

1. Answer **all** questions in Section A
2. Answer **only Two** questions in Section B

**MARK ALLOCATION**

<b>QUESTION</b>	<b>MARKS</b>
<b>SECTION A</b>	<b>60</b>
<b>SECTION B</b>	<b>40</b>
<b>TOTAL ATTAINABLE MARKS</b>	<b>100</b>

**SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION**

**QUESTION 1**

- a. Define the following terms as they are used in Agricultural Extension and Communication
- i. Extension methods, [2]
  - ii. Program Planning, [2]
  - iii. Participatory rural Appraisal, [2]
  - iv. Laggards, and [2]
  - v. Indigenous Technology Knowledge. [2]
- b. Describe Agricultural Extension before independence. [5]
- c. Explain one of the three theories of learning (intellectual/cognitive) type of learning system in extension [5]

**QUESTION 2.**

Early adopters of appropriate innovations reap the highest economic benefits attributed to these specific innovations. Discuss. [10]

**QUESTION 4**

Write brief notes on the following:

- a) Innovation diffusion, [5]
- b) Principles of adult education in extension, [5]
- c) Objectives of extension, and [5]
- d) Heterophily and homophily in agriculture extension. [5]

**QUESTION 5**

Agricultural extension officer is a changing agent. Discuss. [10]

**SECTION B: ANSWER ONLY TWO QUESTIONS**

**QUESTION 5**

Discuss the role of mass media in agricultural extension in Zimbabwe. **[20]**

**QUESTION 6**

Farmer extension research linkages are important in cultivating and establishing research activities, while enhancing production in farming sector. Discuss weaknesses of the linkages in Zimbabwe and indicate strategies to overcome those. **[20]**

**QUESTION 7**

In an effort to improve the provision of extension services to women, extension personnel should be sensitive to the needs of female farmers and gender analysis. Discuss the role of gender mainstreaming in Agricultural Extension. **[20]**

**END OF EXAMINATION**