

GWANDA STATE UNIVERSITY



FACULTY OF LIFE SCIENCES

DEPARTMENT OF ANIMAL SCIENCES

BACHELOR OF SCIENCE HONOURS DEGREE IN CROP SCIENCE

Agricultural Extension and Communication

LCS1206

Final Examination

June -July 2019

This examination paper consists of 3 pages

Time Allowed: 3 hours

Total Marks: 100

Special Requirements: None

Examiner's Name: Moyo S

INSTRUCTIONS

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

MARK ALLOCATION

| QUESTION | MARKS |
|-------------------------------|------------|
| SECTION A | 60 |
| SECTION B | 40 |
| TOTAL ATTAINABLE MARKS | 100 |

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SECTION A ANSWER ALL QUESTIONS IN THIS SECTION

QUESTION 1

1. a. Explain the following terms as they are used in Agricultural Extension and Communication
 - i. Agriculture extension [2]
 - ii. Innovation [2]
 - iii. Communication channel [2]
 - iv. Laggards [2]
 - v. Indigenous technology knowledge [2]
- b. Highlight the agricultural extension challenges faced by farmers before independence [5]
- c. Describe what is involved in intellectual (cognitive) type of learning system [5]

QUESTION 2

- a. Justify the study of Agricultural Extension and Communication in your programme you are doing now [5]
- b. You have been thrown in an ocean of rural masses, and your intentions are to disseminate an innovation. Discuss what will be involved up to a time when the innovation is adopted or rejected [10]

QUESTION 3.

- a. Early adopters of an appropriate innovations reap the highest economic benefits attributed to these specific innovations. Discuss how is this so [5]

SECTION B ANSWER ONLY TWO QUESTIONS

QUESTION 4

Write brief notes on the following

- a) The diffusion of innovations [5]
- b) Research, extension and farmer linkages [5]
- c) Principles of adult education in extension [5]
- d) Heterophily and homophily in agriculture extension [5]

QUESTION 5

1. Discuss in detail the relevancy of
 - i. Dale's cone and
 - ii. Maslow's hierarch of needs in Agricultural extension [20]

QUESTION 6

- a. Discuss the notion that the Department of Crop and Livestock Production should be privatized [10]
- b. Discuss the role of mass media in agricultural extension in Zimbabwe [10]

QUESTION 7

With reference to the smallholder farming sector, explain the role played by extension in alleviating poverty in Zimbabwe [20]

Question 8

In an effort to improve the provision of extension services to women, extension agents should be sensitive to the needs of female farmers and gender analysis should be included as part of extension training. Explain what the needs of female farmers are and what gender analysis is [20]

END OF EXAMINATION