



GWANDA STATE UNIVERSITY
FACULTY OF LIFE SCIENCES
DEPARTMENT OF ANIMAL SCIENCES
BACHELOR OF SCIENCE HONOURS DEGREE IN CROP SCIENCE
LCS1206 Agricultural Extension and Communication
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

- 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 the degree programme you are doing now [5]
- b. Discuss the process of disseminating an innovation, starting with introduction of the innovation until the innovation is adopted or rejected [10]

QUESTION 3.

- a. Early adopters of an appropriate innovation reap the highest economic benefits. Discuss [5]

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]

SECTION B: ANSWER TWO QUESTIONS

QUESTION 5

1. Discuss in detail the relevancy of
- i. Dale's cone and
 - ii. Maslow's hierarchy 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 gender analysis and characterize the needs of female farmers. [20]

END OF EXAMINATION