

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCES

JUN 2024

MFS 516

Department of Agricultural Economics, Education and Extension

MSc Degree in Food Security and Sustainable Agriculture Part 1.2 Examination

MFS 516 (2) Agricultural Extension Approaches in Food and Agricultural Programmes

3 HOURS (100 Marks)

INSTRUCTIONS TO CANDIDATES

Answer question ONE from SECTION A and any TWO questions from SECTION B.

SECTION A (COMPULSORY)

1. Discuss constraints and opportunities associated with the management of Agricultural Extension and Food programmes under the following:
 - a) Risk management [20 marks]
 - b) Adaptation planning [30 marks]

SECTION B

2. a) Give rationale for the debureaucratization and devolution of Agricultural Extension Approaches in Food and Agricultural Programmes in Zimbabwe. [5 marks]
- b) Analyse ten bottom-up extension approaches that enable farmers to make informed decisions on the choice of a Food Programme [20 marks]
3. a) Examine the need for ethical considerations when managing Food and Agricultural Extension Programmes. [15 marks]
- b) Show how you will ensure fair implementation of a Food and Agricultural extension Programme in a group of different sociocultural characteristics [10 marks]

4. Demonstrate how you would ensure sustainable and Innovative Extension Approaches in implementation of Food and Agricultural Programmes in rural areas under the following:

- a) Designing innovation platforms
- b) Sustainable implementation

[10 marks]

[15 marks]

Page 2 of 2

END OF PAPER

Page 2 of 2