

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**  
**FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE**

**AG 125**

**Department of Agricultural Economics, Education and Extension**  
**BSc Agricultural Science (Honours) Part II Examination**  
**Introduction to Agricultural Extension**

**3 HOURS (100 Marks)**

MAR 2023

**INSTRUCTIONS**

Answer any **FOUR** questions. Each question carries **25 marks**.

---

1. a) Outline five roles of a livestock health extension officer in rural Zimbabwe. [5 marks]
- b) Explain the following livestock health extension paradigms:
  - i. technology transfer [5 marks]
  - ii. advisory services [5 marks]
  - iii. non formal education [5 marks]
  - iv. facilitation extension [5 marks]
2. Explain why extensionists should support farmers' own innovation instead of the other way round. [25 marks]
3. With reference to a named livestock health extension programme of your choice, show how you could use adult learning principles to help train farmers in a workshop. [25 marks]
4. Design a flyer for a whats' app group that help to communicate to farmers on an aspect of livestock health using cognitive, attitude and psychomotor domain. [25 marks]
5. Explain the need for concentrating livestock health extension programmes on rural and small scale farmers. [25 marks]
6. Evaluate the following extension approaches as a livestock extension service:
  - i. Farmer field school [5 marks]
  - ii. Master farmer training [5 marks]
  - iii. Farmer to farmer [5 marks]
  - iv. Community based [5 marks]
  - v. Client and private consultant [5 marks]

**END**  
1 OF 1