



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

**2023/2024 ACADEMIC YEAR**

**FOURTH YEAR FIRST SEMESTER**

**SCHOOL OF NATURAL RESOURCES, TOURISM  
AND HOSPITALITY**

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

**COURSE CODE: AHP 4110-1**

**COURSE TITLE: LIVESTOCK EDUCATION  
EXTENSION**

**DATE: 5/12/2023**

**TIME: 1430-1630 HRS**

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**INSTRUCTIONS TO CANDIDATES**

Answer **ALL** questions

*This paper consists of 3 printed pages. Please turn over*

Answer all questions

**ANIMAL PHYSIOLOGY [120 Marks]**

- 1 Describe classification of extension methods based on the following;
  - a. Use ( 10 mks)
  - b. Form (10 mks)
- 2 Describe the following types of farming;
  - a. Specialized farming (4 mks)
  - b. Diversified farming (4 mks)
  - c. Small scale farming (4 mks)
  - d. Contract farming (4 mks)
  - e. Estate farming ( 4 mks)
- 3 State and explain ten principles of extension education (20 mks)
- 4 Discuss the various factors that affect the adoption of technology in livestock farming in Kenya (20 mks).
- 5 Discuss how extension education can help spur development of rural areas in Kenya (20 mks)
6. Discuss extension under the following sub-headings:
  - a. State and explain five extension approaches (10 mks)
  - b. State five objectives of extension education(5 mks)
  - c. State five advantages of using ICT in extension education (5 mks)

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