SCHOOL	AGRICULTURE AND FISHERIES SCIENCES		
DEPARTMENT	ANIMAL PRODUCTION, AGRIBUSINESS AND ECONOMICS		
SUBJECT	LIVESTOCK PRODUCTION SYSTEMS		
SUBJECT CODE	F3512 AL		
DATE	NOVEMBER 2023		
DURATION	3 HOURS	Marks	100

FIRST OPPORTUNITY EXAMINATION

Examiner: Dr. T. Uushona & Dr. E. Lutaaya
Internal moderator: Prof. J. Mupangwa
External moderator: Prof. C. M. Mnisi

This question paper consists of two (2) pages including this front page.

Instructions

This question paper consists of five (5) questions.
Attempt all of them.

UNIVERSITY OF NAMIBIA EXAMINATIONS

QUESTION 1 **[20 Marks]**

Write notes on the following:

a) Animal identification (5 marks)

b) Animal traceability (5 marks)

c) Self-quarantining (5 marks)

d) Livestock as source of draught power (5 marks)

QUESTION 2 **[20 Marks]**

a) Explain any four of the key animal welfare concerns. (10 marks)

b) Explain five ways in which these animal welfare concerns can be addressed. (10 marks)

QUESTION 3 **[20 Marks]**

a) Discuss four (4) ways in which climate change affects livestock production. (12 marks)

b) Explain four (4) adaptation strategies for the livestock sector in response to climate change. (8 marks)

QUESTION 4 **[20 Marks]**

Outline eight (8) practical strategies for controlling and preventing livestock diseases on the farm. (20 marks)

QUESTION 5 **[20 Marks]**

Discuss any five general calf management aspects on the farm. (20 marks)

END