



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

FACULTY OF COMMERCE, HUMAN SCIENCES AND EDUCATION

DEPARTMENT OF TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING (TVET)

QUALIFICATION: MUST BRIDGING PROGRAMME - TVET AGRICULTURE SPECIALISATION	
QUALIFICATION CODE: 04NBTA	LEVEL: 4
COURSE CODE: FOA412S	COURSE NAME: FUNDAMENTALS OF ANIMAL PRODUCTION
SESSION: NOVEMBER 2025	PAPER: 1
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Ms. E MATALI
MODERATOR:	Dr. G HANGARA

<p style="text-align: center;">INSTRUCTIONS</p> <ol style="list-style-type: none">1. The paper has 3 SECTIONS (A, B and C).2. Write clearly and neatly using a black or blue ink pen.3. Each section must start on a new page.4. All written work MUST be done in blue or black ink.
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THIS QUESTION PAPER CONSISTS OF 3 PAGES (Including this front page)

SECTION A

QUESTION 1

[10 marks]

Briefly define each of the following terms.

- a) Breed (2 Mark)
- b) Livestock Production System (2 Mark)
- c) Ruminant (2 Marks)
- d) Gestation (2 Marks)
- e) Biosecurity (2 Marks)

SECTION B

QUESTION 2

[10 marks]

Match the terms in **Column A** with the correct descriptions in **Column B**. (2 mark each)

Column A	Column B
1. Brahman	a) Method of controlled breeding
2. Extensive System	b) Disease prevention technique
3. Browsing	c) Cattle breed common in Namibia
4. Artificial Insemination	d) Feeding on shrubs and trees
5. Vaccination	e) Open grazing with little input

SECTION C (SHORT ANSWER QUESTIONS)

QUESTION 3

[30 marks]

- 3.1. State four major cattle breeds found in Namibia. (8 Marks)
- 3.2. Explain three main livestock production systems practiced in Namibia. (9 Marks)
- 3.3. List three common livestock diseases and state one method of treatment for each. (6 Marks)
- 3.4. Why are biosecurity measures important on livestock farms? (7 Marks)

(LONG ANSWER QUESTIONS)

QUESTION 4

[50 marks]

- 4.1. Discuss the feeding habits of cattle, sheep, and goats, highlighting their differences and importance in livestock production. (25 Marks)
- 4.2. Explain the principles of breeding and livestock judging, and how they contribute to improved productivity in livestock farming. (25 Marks)

END OF PAPER [100]