

QUESTION 1

Briefly discuss the following:

- a. The steps involved in the development and implementation of the National Biodiversity Strategy. **(15 Marks)**
 - b. Enteric fermentation in relation to climate change. **(10 Marks)**
- (25 marks)**

QUESTION 2

Write short notes about:

- a. Policy challenges for livestock production and conservation of biodiversity **(15 Marks)**
 - b. How agricultural activities may disrupt biodiversity **(10 Marks)**
- (25 Marks)**

QUESTION 3

Discuss the risks and opportunities associated with ruminant feedlot production.

(25 Marks)

QUESTION 4

Discuss how you can mitigate greenhouse gas (GHG) emission at the UNISWA dairy farm through improved feeding and waste management.

(25 Marks)

QUESTION 5

Discuss FIVE National Biodiversity Strategies that have implication for livestock production in Swaziland.

(25 Marks)