



**1<sup>ST</sup> SEM. 2008/2009**

**UNIVERSITY OF SWAZILAND**

**FINAL EXAMINATION PAPER**

**PROGRAMME:** B. Sc. AGRON.; B.Sc. ANIMAL  
SCIENCE II; B.Sc HORT.II & B.Sc.  
FSNT II.

**COURSE CODE:** APH 203

**TITLE OF PAPER:** BIOCHEMISTRY

**TIME ALLOWED:** TWO (2) HOURS

**INSTRUCTIONS:** ANSWER ANY 4 QUESTIONS.

**THIS PAPER MAY NOT BE OPENED UNTIL THE CHIEF  
INVIGILATOR HAS GRANTED PERMISSION.**

**QUESTION 4**

Discuss the classification of enzyme inhibitors.

(25 Marks)

**QUESTION 5**

Using structures to support your answer, briefly describe two examples of:

- a) Phospholipids (5 Marks)
- b) Eicosanoids (5 Marks)
- c) Essential amino acids (5 Marks)
- d) Pyrimidines (5 Marks)
- e) Fat soluble vitamins (5 Marks)