

# University of Buea



Faculty of Sciences

Department of Plant & Animal  
Sciences

ZOO 308: Continuous Assessment (2008-2009)

Saturday 23 May 2009 ( 8-9.<sup>30</sup>am)

## (VERTEBRATE PHYSIOLOGY)

.....  
*Instructions: Answer all the Questions: Marks Allocations are indicated against each question*  
.....

- (1) With the aid of diagrams, describe:
- Ion channels of the excitable cell membranes (4 Marks)
  - Resting membrane Potential (8 Marks)
  - Action Potential (4 Marks)
  - Synaptic transmission (4 Marks)

- .....
- (2) Discuss the following aspect of the muscle
- The physiology (7 Marks)
  - Metabolism of muscles (3 Marks)

.....  
**Grand Total (30 Marks)**

Good Luck  
Dr. Salah A. Martin