

University of Buea

Faculty of
Sciences



Department of Plant &
Animal Sciences

Continuous Assessment (2006-2007)

ZOO 406

(COMPARATIVE VERTEBRATE PHYSIOLOGY II)

Course Website: www.geocities.com/salahmartin/ZOO404

.....
Instructions: Answer all the Questions (From 1-4): Marks Allocations are indicated against each question
.....

(1) Describe the mechanism of action or the Endocrine Signalling of:

- a) Steroid Hormones (2.5 Marks)
- b) Peptide Hormones (2.5 Marks)

(2) Explain the principle of the Ear Physiology in:

- a) Hearing (2.5 Marks)
- b) Equilibrium (2.5 Marks)

(3) (a) Outline the properties of taste System (3 Marks)

(b) Describe how the following taste sensations are manifested

- i. Sweet (3 Marks)
- ii. Sour (3 Marks)
- iii. Salty (3 Marks)

(4) Describe the mechanism of:

- a) Rod Vision (4 Marks)
 - b) G-Protein-Coupled Receptors (4 Marks)
-
.....

Total Marks (30)

Good Luck
Dr. Salah A. Martin

