

EASTERN UNIVERSITY, SRI LANKA  
FIRST EXAMINATION IN SCIENCE 2007/2008(August 2009)  
SECOND SEMESTER  
ZL102- ANIMAL DIVERSITY



Time: 02 hours

Answer all questions

(Illustrate your answers with clear labelled diagrams where necessary)

1. Write an essay on **either**

The features that enabled the amphibians to migrate to land

**or**

Structural adaptation in fishes for swimming

2. Write short notes on **any two** of the following:

- a). "Flame cells" in Platyhelminthes
- b). "Parapodium" of Neris
- c). Mantle and shell of mollusk

3. Briefly describe the adaptations in birds for flight

4. Comment on **any two** of the following:

- a). Feeding adaptation in snakes
- b). Polymorphism in cnidarians
- c). Placental mammals