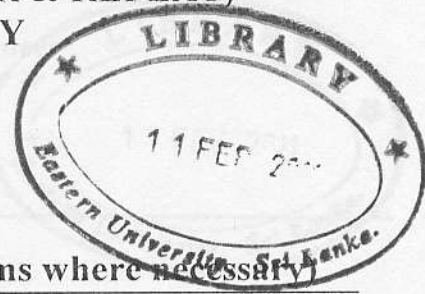


EASTERN UNIVERSITY, SRI LANKA
FIRST YEAR SECOND SEMESTER EXAMINATION IN
SCIENCE 2008/2009(OCT 2010) (PROPER & REPEAT)
ZL 102 ANIMAL DIVERSITY



Time: 02 hours.

Answer all questions.

(Illustrate your answers with clear labeled diagrams where necessary)

1. Write an essay on the adaptations found in Reptiles for its terrestrial mode of life.
2. Write short notes on **any two** of the following:
 - a) Filter feeding in mollusc;
 - b) Flight adaptation in birds;
 - c) Acron worms.
3.
 - a) Describe the body wall of sponges.
 - b) List the economic importance of corals.
4. Comment on **any two** of the following:
 - a) Water vascular system in Echinodermates;
 - b) Adaptive radiation in Eutherians;
 - c) Serial homology in Crustaceans.

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