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Eastern University

EASTERN UNIVERSITY, SRI LANKA
FIRST EXAMINATION IN SCIENCE 1998/99
EXTERNAL DEGREE (Re-repeat) 2004/05 JUNE 2008
EX ZL 102 ANIMAL DIVERSITY

Time: 02 hours.

Answer four questions only.

(Illustrate your answers with clear labeled diagrams where necessary)

1. a. Name locomotor organelles of the protozoans.
b. Describe the feeding mechanism in *Paramecium* and *Amoeba*.
2. Describe the characteristics and economic importance of **any two** of the following
 - a. Sponges
 - b. *Tilapia* sp.
 - c. Insects
3. Comment briefly on
 - a. Temperature regulation in Mammals
 - b. Structural adaptation in fishes for swimming
4. Write an essay on the adaptation in amphibian for terrestrial life.
5. Write short notes on the following
 - a. Water vascular system in Echinodermata
 - b. Filter feeding in mollusk
6. With a known example, write the basic characteristics of the following groups
 - a. Annelids
 - b. Reptiles
 - c. Hemichordates.

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