

**EASTERN UNIVERSITY SRI LANKA**  
**SECOND YEAR IN SCIENCE (2015/2016)**  
**ZL-201 PRINCIPLES OF ECOLOGY (OCT/NOV-2018)**

**Time: 2 hour**

**Answer all Questions**

**(Illustrate the answer with clear labelled diagram where necessary)**

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1. Write short notes on the followings
  - (a). Biotic components
  - (b). Chemotrophs
  - (c). Ecological niche
  - (d). Population growth
  - (e). Types of food chain
  
2. Write an account of adaptations of mangroves to live in their ecosystem
  
3. Explain the Nitrogen cycle and anthropogenic influences on it
  
4.
  - (a). What are aquatic weed?
  - (b). State the biological control measures of aquatic weeds

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