

BOWEN UNIVERSITY, IWO  
DEPARTMENT OF BIOLOGICAL SCIENCES

2010/2011 SECOND SEMESTER EXAMINATION

ZLY 408: LIMNOLOGY  
PRACTICAL EXAMINATION

Answer all questions.

Time: 1hr 30 mins

1. Describe concisely how you will carry out the following:
  - (a) Estimation of light penetration into a lake using a Secchi disc.
  - (b) Estimation of a freshwater algal biomass using chlorophyll concentration.
  - (c) Determination of the dissolved oxygen content of a reservoir using the Winkler titrimetric method.