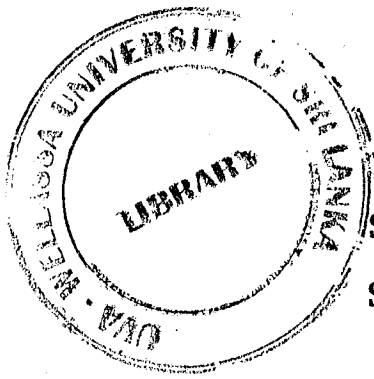




Uva-Wellassa University, Sri Lanka.  
Semester Examination Sep/Oct 2012  
SCT 212-2 Diversity of Life (Repeat)  
Time: Two (02) hours



Total six (06) questions.

Answer two (02) questions from Part A and two (02) questions from Part B

### Part A

1. (i) What are the classes of Phylum Annelida?  
(10 marks)  
(ii) Briefly describe major characteristics of each class.  
(15 marks)
2. (i) Briefly discuss the economic value of Phylum mollusca.  
(10 marks)  
(ii) Briefly describe the major characteristics of each class in phylum mollusca.  
(15 marks)
3. (i) Give an example organism for each class in Phylum Echinodermata ?  
(10 marks)  
(ii) Briefly describe how they differ from each other.  
(15 marks)

### Part B

1. Discuss the identification characteristics of Mosses (Bryophyta).  
(25 marks)
2. (i) Draw a fully labelled diagram of a cross section of angiosperm flower.  
(10 marks)  
(ii) Discuss the key characteristics of phylum Pterophyta.  
(15 marks)
3. Briefly discuss the main characteristics of Gymnosperms.  
(25 marks)