



Uva Wellassa University, Sri Lanka
End Semester Examination – March 2011
SCT 212-2 Diversity of life (Repeat)
Time: Two (02) hours



Total (06) questions

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

Part A

- (i) What are the four structural characteristics that differentiate chordates from all the other phyla?
(ii) Briefly describe Notochord of Chordates. (25 marks)
- Briefly describe the Class Chondrichthyes (25 marks)
- What are the four classes of phylum Cnidaria? Briefly describe them. (25 marks)

Part B

- Explain the life cycle of *Ulva* or *Chlamydomonas*? (25 marks)
- "Angiosperms is the most dominant group among the vascular plants." explain this statement. (25 marks)
- Write short notes on the followings;
(i) Gametophyte of *Nephrolepis*
(ii) Angiosperm flower
(iii) Cell wall of Gram negative bacteria
(iv) Viral body structure (25 marks)