



Uva Wellassa University, Sri Lanka  
Faculty of Science and Technology  
Science and Technology Degree Programme  
1<sup>st</sup> Year 1<sup>st</sup> Semester Examination –August/ September 2014  
SCT 112-2 General Biology

Paper consists of three parts, Part A (20 MCQ), Part B and Part C

Answer all questions

Time allocation: Two (2) hours

Return the question paper after the examination

Index Number:

PART – C

Answer All Questions

1. Write short notes on the following.
  - a) Nucleic acids
  - b) Enzymes
  - c) Cilia and flagella
2. Your biology lecturer shows you an electron microscope image of a frog's cell with large numbers of mitochondria and golgi apparatus. You notice that this particular cell also contains a great deal of rough endoplasmic reticulum. What kinds of cellular activities would require such an abundance of the three kinds of organelles?  
(10x2= 20 mark)