

**Uva Wellassa University of Sri Lanka**  
**Faculty of Science and Technology**  
**Department of Science and Technology**  
**200 level 1<sup>st</sup> Semester Examination – Jul. / Aug. 2016**  
**SCT 211-2 General Physiology (Repeat)**



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**Instructions to candidates**

**Duration:** 02 hour

**Number of questions:** 3 Essay

**Mark allocation:** 100 mark

**Answer all questions**

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1. Each enzyme is very selective in the reaction it catalyzes. Explain with examples.

(30 mark)

2. Describe how a signal is transmitted along the neuron . Draw diagrams where necessary.

(30 mark)

3. Write shortnotes on the followings.

- a. Alcoholic Fermentation
- b. C<sub>4</sub> photosynthesis and Crassulacean Acid Metabolism (CAM)
- c. Requirements for Efficient Gaseous Exchange
- d. Polysaccharides

(40 mark)

