

**University of Colombo**  
**Special Degree / Study Stream Examination in Arts (Geography) – Part I**  
**First Semester End Examination -2018**  
**GYG 2133- PHYSICAL ENVIORNMENT OF SRI LANKA**  
**Time: Two (02) Hours**

Answer **Three (03)** Questions Only

**Three** Outline Sri Lankan Maps will be provided

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1. (i) Mark and name the pre-Cambrian geological units in Sri Lanka on a given Sri Lankan map.  

(05 marks)
- (ii) Select one of a geological unit that you have mentioned in (i) and examine its salient characteristics.  

(15 marks)
  
2. (i) State the major rainy seasons in Sri Lanka and their time periods.  

(06 marks)
- (ii) “Monsoon rains in Sri Lanka are accompanied by remarkable spatial disparities”. Do you agree with this idea? Discuss with specific examples.  

(14 marks)
  
3. (i) Briefly explain the importance of soil resource in the dry zone of Sri Lanka  

(05 marks)
- (ii) “There are several constrains in management and conservation of soil resource in Sri Lanka”. Discuss with examples.  

(15 marks)

4. (i) What is meant by an **Aquafer**?  
(05 marks)
- (ii) Examine the anthropogenic factors that affect the contamination of ground water in Sri Lanka.  
(15 marks)
5. (i) Demarcate the floristic regions in a given Sri Lankan map.  
(05 marks)
- (ii) Examine the activities that can be implemented to enrich and manage the green cover in Sri Lanka.  
(15 marks)
6. (i) What are the climate changes taken place in terms of (a) air temperature and (b) Rainfall in Sri Lanka?  
(06 marks)
- (ii) Explain with specific examples the impact of climate changes in Sri Lanka  
(14 marks)