

University of Colombo

Special Degree / Study Stream Examination in Arts (Geography) – Part I

First Semester End Examination -2017

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. Explain how morphological features have influenced the determination of drainage patterns in Sri Lanka.

(20 marks)

2. (i) Explain the salient characteristics of average annual air temperature and average annual rainfall in Sri Lanka.

(10 marks)

(ii) Examine the identified climate variability and changes in the recent past decades in Sri Lanka.

(10 marks)

3. Citing suitable examples, discuss the importance of integrated water management for the protection of water resource in Sri Lanka.

(20 marks)

4. (i) Write a brief account of the distribution of floral diversity in Sri Lanka.

(05 marks)

(ii) Discuss the challenges and constraints that would arise on sustainable forest management in Sri Lanka.

(15 marks)

5. Explain with examples, the factors that are related to underutilization of mineral resources in Sri Lanka.

(20 marks)

6. (i) Name different types of soils in Sri Lanka.

(08 marks)

(ii) Examine the suitability of soils in the wet zone on plantation agriculture in Sri Lanka.

(12 marks)