



UNIVERSITY OF PERADENIYA

CENTRE FOR DISTANCE AND CONTINUING EDUCATION

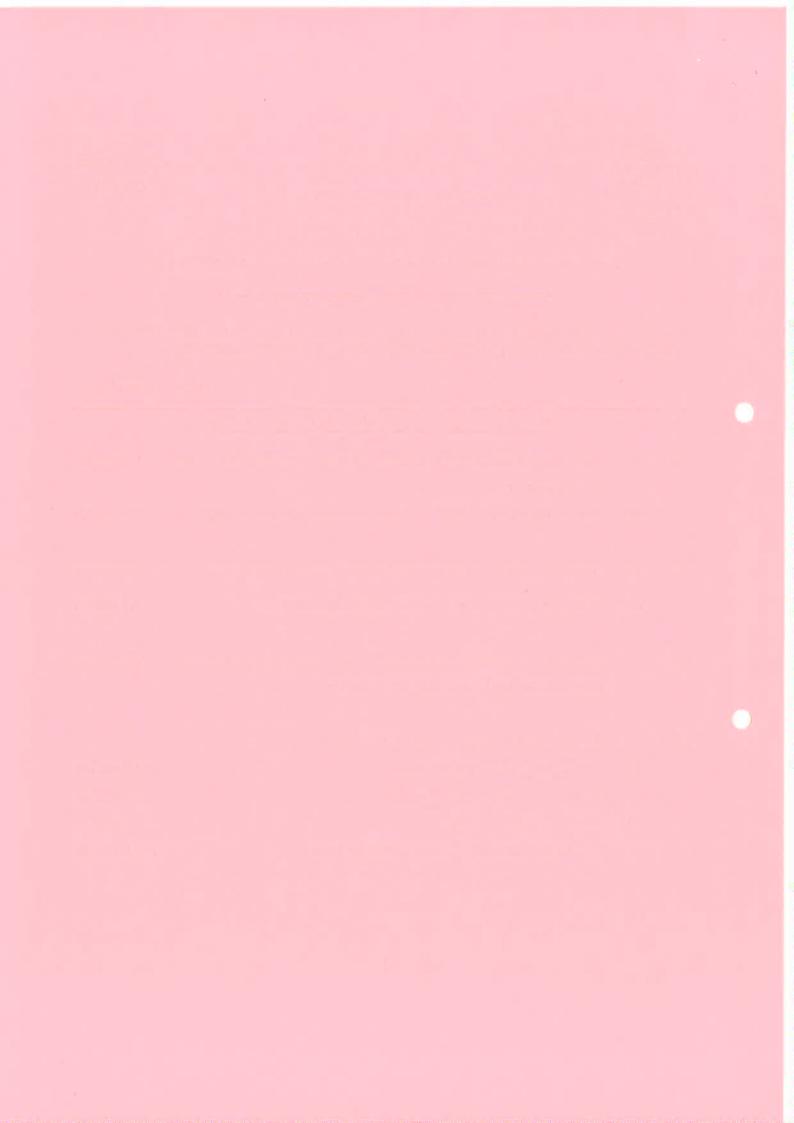
GENERAL DEGREE EXAMINATION IN ARTS- (EXTERNAL- Old syllabus) - 2019

Geography -1 / Physical Geography (GG - 1)

Instructions: Total number of questions in this paper is eight (08). Answer four (04) questions selecting two (02) from each part. Marks will be deducted for illegible handwriting.

Time: Three Hours

		Part -1 Contemporary Problems in Geomorphology	
(01)	(i)	With suitable illustrations, explain the main characteristics of the	(10 marks)
		Earth's interior.	
	(ii)	Discuss the impacts of Lithospheric process on human activities.	(15 marks)
(02)	(i)	Briefly explain Alfred Wagener's Continental Drift Hypothesis.	(10 marks)
	(ii)	Discuss main evidences to prove the Continental Drift.	(15 marks)
(03)		Examine the correlations between Monsoonal rain pattern and flood	(25 marks)
		hazards in Sri Lanka with suitable examples	
(04)		Write concise notes on <u>two</u> of the followings:	
	(i)	Depositional landforms of a river.	(12.5 marks)
	(ii)	Physical factors causing landslides	(12.5 marks)
	(iii)	The Davisian Cycle of erosion.	(12.5 marks)
	(iv)	Coastal erosion in the Western part of Sri Lanka	(12.5 marks)



Part -II Contemporary Problems in Climatology

(05)		With suitable illustrations, discuss the characteristics and importance of troposphere and explain its role in surface climate	(25 marks)
		importance of deposphere and explain to rete in particle statement	
(06)	(i)	Explain the sub categories given for the Tropical climate in	(10 marks)
		Koppen's classification.	
	(ii)	Discuss the importance of the Koppen's climatic classification to	(15 marks)
		understand the global climate	
(07)	(i)	Discuss the impacts of climate change on tropical agriculture.	(10 marks)
	(ii)	Explain the mitigation measures adapted in agriculture to minimize	(15 marks)
		the impacts of the climate change	
(08)		Write concise notes on <u>two</u> of the followings	
	(i)	Role of monsoonal rain in the climate of Sri Lanka.	(12.5 marks)
	(ii)	General Circulation Model atmosphere	(12.5 marks)
	(iii)	Energy budget.	(12.5 marks)
	(iv)	Tropical disturbances and extreme weather conditions.	(12.5 marks)