



පේරාදෙණිය විශ්වවිද්‍යාලය
பேராதனைப் பல்கலைக் கழகம்
UNIVERSITY OF PERADENIYA

දුරස්ථ හා අඛණ්ඩ අධ්‍යාපන කේන්ද්‍රය
தொடர் தொலைக் கல்வி நிலையம்
CENTRE FOR DISTANCE AND CONTINUING EDUCATION
GENERAL DEGREE EXAMINATION (External – New Syllabus) 2019/2020

200 LEVEL

ADVANCED PHYSICAL GEOGRAPHY (GGYE - 202)

Instructions: Answer Four (04) questions including question number one (01). Total number of questions in this paper is seven (07). Marks will be deducted for illegible handwriting.

Time: Three Hours (03).

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| (01) | (i) | Briefly explain the scope of the physical geography | (10 marks) |
| | (ii) | Discuss the role of physical geography in the discipline 'Geography'. | (15 marks) |
| (02) | (i) | Briefly explain the major types of weathering. | (10 marks) |
| | (ii) | With suitable examples, explain how human activities impact on weathering process. | (15 marks) |
| (03) | (i) | What are erosional and depositional landforms in the fluvial process? | (10 marks) |
| | (ii) | Discuss the depositional landforms in a river basin with illustrations. | (15 marks) |
| (04) | (i) | Explain the main causes for global climate change. | (10 marks) |
| | (ii) | Discuss the mitigation strategies adapted to minimize the impacts of climate change | (15 marks) |
| (05) | (i) | What is meant by 'Biodiversity'? | (03 marks) |
| | (ii) | Discuss the main causes leading to biodiversity degradation | (07 marks) |
| | (iii) | Explain the management strategies adapted to conserve biological resources in Sri Lanka. | (15 marks) |

- (06) (i) With suitable illustration, explain the distribution of water in atmosphere, hydrosphere, lithosphere and biosphere. (10 marks)
- (ii) Discuss the importance of surface and ground water conservation and management in Sri Lanka. (15 marks)
- (07) Write concise notes on any two (02) of the followings: (25 marks)
- (i) Meteorological observation and data collection.
- (ii) Carrying capacity of a natural habitat.
- (iii) Human Impact on the hydrological cycle.
- (iv) Ecological Niche.