

UNIVERSITY OF RUHUNA

2016/2017 Academic Year

B.A. (Special) Degree 2000 Level 2nd Sem. 2018 May

GEO 22613 – Geomorphology

Answer four (04) questions only.

Time: 03 hours

1. Geomorphology is the subject that study of morphology on the earth's surface discuss with suitable examples.
(15 Marks)
2.
 - i. Introduce the scope of Geomorphology.
(07 Marks)
 - ii. Explain the practical significance of Geomorphology with practical examples.
(08 Marks)
3. How appropriate to use the quantitative estimations of Geomorphological studies for the quantitative analysis of Geomorphology? Test with suitable examples.
(15 Marks)
4. "Multiple landforms can be observed even a small coastal region in Sri Lanka." Discuss this statement based on your field experiences.
(15 Marks)
5. Is it possible to accept the provide evidence of the concept of continental drift for the evaluation of continents on the earth? Critically analyze.
(15 Marks)

6.

i. Briefly explain the Davisian model of erosion cycle.

(05 Marks)

ii. "Although Davis erosion cycle model was highly simple and applicable, his hypothesis was widely criticized by 1950 s." Critically discuss this statement with suitable examples.

(10 Marks)

7.

i. Explain what quantitative analysis techniques are applied to study morphometric of rivers.

(07 Marks)

ii. Describe the importance of use of quantitative analysis techniques for geomorphological studies.

(08 Marks)

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