

UNIVERSITY OF RUHUNA

2018/2019 Academic Year

BA (Special) Degree - 2000 Level

2nd Semester Examination – March 2020

GEO 22613 – Geomorphology

Answer any four (04) questions.

Time: 03 Hours

1. Geomorphology is the subject that study the morphological features of the earth surface. Describe with various definitions.

(15 Marks)

2.

i. Explain the process of seismic waves with suitable figures.

(10 Marks)

ii. Describe the effects of earthquake on physical environment with examples.

(05 Marks)

3. Critically analyze the significance of integrated learning of various concepts with respected to origin, evolution, structure and processing of land forms of geomorphological studies.

(15 Marks)

4.

i. Discuss using appropriate examples of common characteristics of mountains in the word.

(08 Marks)

ii. Critically examine the various concepts related to the origin of mountain in the earth.

(07 Marks)

- 5.
- i. Briefly explain processes of glacial erosion. (02 Marks)
 - ii. What are the landforms of glacial erosion? Explain with suitable figures. (06 Marks)
 - iii. Examine the impact that climate change has had on the physical environment, flora and fauna of glacier regions. (07 Marks)
6. Discuss the geological background of Sri Lanka during tertiary and quaternary periods, using examples. (15 Marks)
7. Explain two (02) of the following topics.
- i. Galaxies
 - ii. Geo-Systems
 - iii. Plate tectonic concept

(7 ½ x 2 = 15 Marks)

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