

UNIVERSITY OF RUHUNA

2018/2019 Academic Year B. A. (Special) Degree - 2000 Level

1st Semester Examination - October/November 2019

GEO 21623 – Tropical Climate

Answer **Four (04)** questions only.

Time: 03 Hours

1.
 - i. What is the Global Circulation System? Briefly describe the factors affect to Global Circulation System. (05 Marks)
 - ii. Explain important of wind circulation factors of the atmosphere with providing appropriate diagrams. (10 Marks)
2.
 - i. Briefly indicate the important of gases and non-gases of atmospheric composition. (06 Marks)
 - ii. Do the relative description of specific characteristics of atmospheric layers. (09 Marks)
3. Explain the affect of Inter Tropical Convergence Zone (ITCZ) on monsoon systems of the Tropical Zone. (15 Marks)
4.
 - i. What is acid rain? (03 Marks)
 - ii. Introduce the causes of acid rain? (05 Marks)
 - iii. How does acid rain affect on environment? Explain briefly with examples. (07 Marks)
5. Describe how plants adapt to the different climatic condition in the tropic and sub-tropic areas, with suitable examples. (15 Marks)

6.

i. What is convection? Briefly explain.

(06 Marks)

ii. With the aid of relevant sketches explain how lightning originates and growth of the cumulonimbus.

(09 Marks)

7.

i. Explain briefly the factors influencing the formation of a tropical cyclone.

(05 Marks)

ii. Explain the structure of a tropical cyclone using a suitable diagrams.

(05 Marks)

iii. Discuss the weather condition and its impacts of tropical cyclone.

(05 Marks)

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(ii) පහත

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(b) අ

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03. (i) ගුවන

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04. ඔබට සපයා
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05. ඔබට සපයා

(i) සප

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