

UNIVERSITY OF COLOMBO, SRI LANKA
FACULTY OF ARTS
SECOND YEAR END EXAMINATION IN ARTS (ONLINE), SEMESTER I –
2020/2021
GYG 2133 – PHYSICAL ENVIRONMENT OF SRI LANKA

Instructions to Students:

- The question paper starts on page 2.
- All written assessments must be **handwritten**. Handwriting must be **clear and readable**.
- Answers should be written on an **A4 size paper** (ruled/lined paper/or otherwise), using a **black ball point pen**.
- The **index number must be written on the top right-hand side** of each page of the answer script. Do not write your name anywhere on the answer script.
- **Number the pages** of the answer script using the following format at the **bottom of the page**: E.g., if it consists of 5 pages 1/5, 2/5...etc.
- Use the **common front page** (provided on LMS) as the first page of the answer script. You may print, or hand write the front page which must be the first page of your assessment.
- The **total number of pages** should be indicated on the front page of the answer script.
- **Scan/take photos of the answer script and convert it to a single PDF file** in the order of the page numbers.
- The full page of the answer script must be properly covered in the scanned image, and the scanned image must be clear/readable.
- LMS does not permit individual pages to be uploaded separately.
- **The only acceptable file format is PDF. The PDF file should be named with your index number**, e.g. A 12345
- Uploading answer scripts as JPEG/JPG or any other form will not be permitted.
- Complete and upload the final version of the answer script to LMS **within the stipulated 5 hours**
- Once the answer script has been uploaded to LMS, take **a screen shot of the full page** of the LMS with the word 'submitted', as an acknowledgement and keep it with you.
- **If** there is an **unexpected technical issue** with the uploading of an answer script to LMS, you may send your answer script via email to exam2@arts.cmb.ac.lk immediately.

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GYG 2133 – Physical Environment of Sri Lanka

Duration: 05 hours for completion and submission of answer scripts to LMS.

Answer 03 questions only.

1.

- I. What is physical environment? (Marks 02)
 - II. List the interactions of human with the spheres by which the physical environment is consists of. (Marks 04)
 - III. Briefly explain how human activities make the physical environment imbalanced. (Marks 06)
 - IV. Extinction of Human can be occurred due to various human activities by which the physical environment is affected. Discuss your state with suitable examples. (Marks 08)
- (Total Marks 20)

2.

- I. What are the main geological subdivisions of Sri Lanka (Marks 02)
 - II. List the different types of rock formations in Sri Lanka? (Marks 04)
 - III. Briefly describe the geological evolution of Sri Lanka. (Marks 06)
 - IV. Discuss how the economic development of Sri Lanka can be achieved through the management of Sri Lankan earth resource. (Marks 08)
- (Total Marks 20)

3.

- I. What is the concept of Wadia on the evolution of Sri Lankan geomorphology? (Marks 02)
 - II. List the factor of causing geomorphological features. (Marks 04)
 - III. Briefly discuss how geological factors influence on geomorphology (Marks 06)
 - IV. Discuss how evolving of morphological features of different stages of a river due to the influence of Sea level fluctuations (rise and fall). (Marks 08)
- (Total Marks 20)

4.

I. Explain how the geographical location of Sri Lanka affect its weather and climatic features.

(10 Marks)

II. “Spatial and temporal distribution of the rainfall pattern is the salient feature of the climate in Sri Lanka” Do you agree with this idea? Examine with citing examples.

(10 Marks)

(Total Marks 20)

5.

I. Citing examples explain the human activities that affect the contamination of surface water resources in Sri Lanka.

(10 Marks)

II. Discuss with examples the effectiveness of the measures taken to reduce surface water pollution in Sri Lanka.

(10 Marks)

(Total Marks 20)

6.

I. “The Wet Zone of Sri Lanka is a homeland rich in biodiversity”. Do you agree with this statement? Give reasons for your answer.

(10 Marks)

II. Discuss with examples the effective measures taken to conserve the biodiversity of Sri Lanka.

(10 Marks)

(Total Marks 20)
