

UNIVERSITY OF COLOMBO – SRI LANKA
STUDY STREAM EXAMINATION IN ARTS (GEOGRAPHY) – PART I
FIRST SEMESTER FINAL EXAMINATION - 2018

GYG 2118 – PHYSICAL ENVIRONMENT OF LANDSCAPE

TWO (02) HOURS

Answer **Three (03)** questions only

01. "The Built Landscape on the surface of the Earth is determined by the Physical Landscape of the Earth." Critically examine.

(20 Marks)

02.

i. What is meant by a slope?

(02 Marks)

ii. Name any **four (04)** slope units given in the Nine Unit Land Surface Model by J.B. Dalrymple.

(04 Marks)

iii. Discuss the characteristics of any **three (03)** units which you have mentioned in (2.ii)

(06 Marks)

iv. "The increase of the slope angle in a location can intensify the processes of denudation." Examine.

(08 Marks)

03.

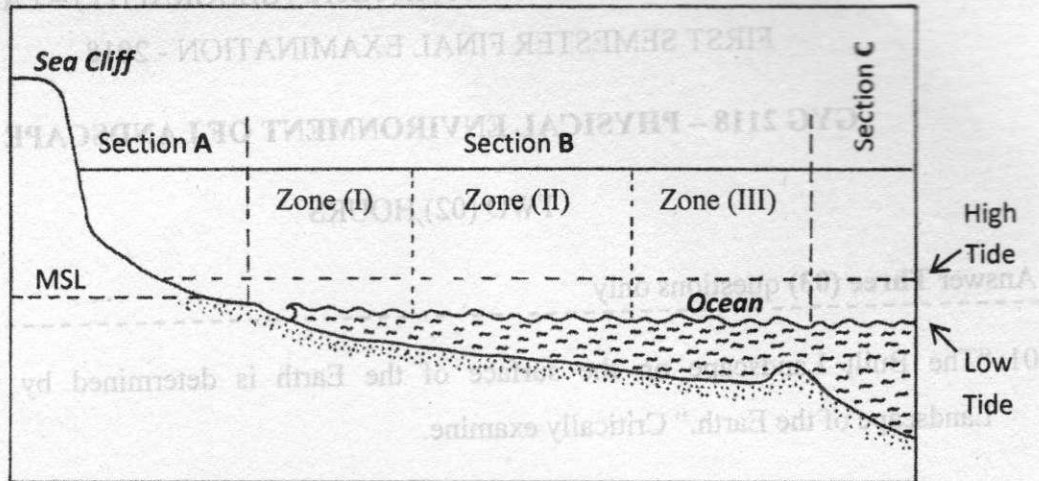
i. Briefly explain the salient characteristics of the **three main stages** of a river.

(06 Marks)

ii. Discuss with suitable examples, the formation and characteristics of depositional landforms related to the river process.

(14 Marks)

04. Using the diagram below answer the following questions.



- i. What is meant by Mean Sea Level (MSL)? (02 Marks)
- ii. Briefly explain any two coastal processes that contribute to the formation of landforms in section A in the diagram. (04 Marks)
- iii. Briefly discuss the characteristics of sections B and C in the diagram. (06 Marks)
- iv. With suitable diagrams describe the formation and characteristics of any **three (03)** landforms generated in zone (I) of the diagram. (08 Marks)

05. "Extreme changes caused by anthropogenic activities in the physical landscape can backfire adversely on humans." Examine. (20 Marks)

06.
 - i. Briefly explain the **three (03)** main processes of weathering. (06 Marks)
 - ii. Discuss with suitable examples, the relationship between the weathering process and the denudation process. (14 Marks)