

PHYSICAL GEOGRAPHY

Time Allowed – 1.5 hours

Instructions to Candidates:

All Candidates should complete Section A, and answer **one question only** from Section B.

SECTION A (50%)

All Candidates must complete this section

1. Produce a table detailing 5 key landforms from an environment of your choice (e.g. glacial, coastal, dryland). Describe i) their morphological characteristics, ii) how they are formed, and iii) their significance in a wider context. Candidates should not reproduce the example provided below.

Example:

Landform	Morphological characteristics	Process of formation	Significance in a wider context
Terminal moraine	An arcuate ridge of poorly sorted till ranging from fine (e.g. clay) to coarse (e.g. boulder) material. Mega-scale feature which can be in excess of 100 metres high, and several hundred meters in length.	Material transported by the glacier is deposited at the terminus as the ice melts.	Signifies the former extent of a glacier and shows that the glacier was active, and able to erode the landscape, transporting material down valley through glacier flow.

Marking system:

Landform	Morphological characteristics	Process of formation	Significance in a wider context
1 mark per landform identified	Maximum of 3 marks per description of morphological characteristics	Maximum of 3 marks per description of morphology	Maximum of 3 marks per description of significance

A total of 50 marks are available for Section A.

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SECTION B (50%)

Candidates should answer one of the following questions:

1. With examples, discuss how a natural hazard can impact on humans and the built environment.
2. What influences variation in river discharge in any given year?
3. Using examples, discuss how human activity has altered global carbon stores.
4. Discuss why Physical Geography is an important discipline.