

Cambridge International AS & A Level

GEOGRAPHY**9696/32**

Paper 3 Advanced Physical Geography Options

May/June 2026**1 hour 30 minutes**

You must answer on the enclosed answer booklet.

You will need: Answer booklet (enclosed)
Insert (enclosed)

INSTRUCTIONS

- Answer **four** questions in total:
Answer questions from **two** options.
For **each** option, follow the instructions inside on which questions to answer.
- Follow the instructions on the front cover of the answer booklet. If you need additional answer paper, ask the invigilator for a continuation booklet.
- Sketch maps and diagrams should be drawn whenever they serve to illustrate an answer.
- You should make reference to appropriate examples studied in the field or the classroom, even where such examples are not specifically requested by the question.

INFORMATION

- The total mark for this paper is 60.
- The number of marks for each question or part question is shown in brackets [].
- The insert contains all the resources referred to in the questions.

This document has **4** pages. Any blank pages are indicated.

Answer questions from **two** different options.

Tropical environments

If answering this option, answer Question 1 and **either** Question 2 **or** Question 3.

- 1 Figure 1.1 is a climate graph for Medan, Indonesia. Figure 1.2 is a climate graph for Tidele, Senegal.
 - (a) Describe the main differences between the climates shown in Figure 1.1 and Figure 1.2. [4]
 - (b) Suggest reasons for the differences in the **precipitation** you described in 1(a). [6]
- 2 To what extent is the formation of characteristic limestone landforms of tropical environments influenced by weathering processes? [20]
- 3 'The development of plant communities in tropical ecosystems is largely the result of human activity.'
 How far do you agree with this statement? [20]

Coastal environments

If answering this option, answer Question 4 and **either** Question 5 **or** Question 6.

- 4 Figure 4.1 shows the frequency of wave direction and wave height at Marina di Pisa, Italy, May 2008–May 2009.
 - (a) Describe the variations in the frequency of wave direction **and** wave height shown in Figure 4.1. [4]
 - (b) Explain how **wave direction** influences marine processes. [6]
- 5 Assess the relative importance of the conditions required for coral growth. [20]
- 6 'The problems of sustainably managing a stretch or stretches of coastline **cannot** be solved.'
 Using a case study, how far do you agree with this statement? [20]

Hazardous environments

If answering this option, answer Question 7 and **either** Question 8 **or** Question 9.

- 7** Figure 7.1 shows changes in the factor of safety on a slope.
- (a) Describe the pattern of changes in the factor of safety shown in Figure 7.1. [4]
- (b) Explain **two** hazards resulting from slope instability. [6]
- 8** 'Lava flows are the most significant hazard resulting from volcanoes.'
- How far do you agree with this statement? [20]
- 9** To what extent are the primary impacts of atmospheric disturbances more significant than the secondary impacts? [20]

Hot arid and semi-arid environments

If answering this option, answer Question 10 and **either** Question 11 **or** Question 12.

- 10** Figure 10.1 is a photograph which shows a semi-arid environment in Texas, USA.
- (a) Describe the main features of the vegetation shown in Figure 10.1. [4]
- (b) Suggest reasons for the features of the vegetation you described in **10(a)**. [6]
- 11** 'The global distributions of hot arid and semi-arid environments are largely determined by latitude.'
- How far do you agree with this statement? [20]
- 12** To what extent are the landforms of hot arid and semi-arid environments the result of erosion rather than deposition? [20]

BLANK PAGE

The boundaries and names shown, the designations used and the presentation of material on any maps contained in this question paper/insert do not imply official endorsement or acceptance by Cambridge International Education concerning the legal status of any country, territory, or area or any of its authorities, or of the delimitation of its frontiers or boundaries.

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (Cambridge University Press & Assessment) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in our Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cambridgeinternational.org after the live examination series.

Cambridge International Education is the name of our awarding body and a part of Cambridge University Press & Assessment, which is a department of the University of Cambridge.