Cambridge International Examinations
Cambridge International Advanced Subsidiary and Advanced Level

GEOGRAPHY

Paper 2 Advanced Physical Options

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1 hour 30 minutes

READ THESE INSTRUCTIONS FIRST

This Insert contains all the Figures and the Photographs referred to in the questions.
**Fig. 1 for Question 1**

The process of plant succession

- **Bare, inorganic surface**
  - Primary Succession
  - Natural limiting factors e.g. volcano

- **Plagioclimax**
  - Human interference e.g. burning

- **Sub-climax**
  - Secondary Succession
  - Limiting factors removed

- **Climatic climax community**
  - Secondary Succession
  - Removal of human impact

**Photograph A for Question 3**

Some effects of marine erosion on the Yorkshire coast, UK
Photograph B for Question 5

Effects of the Mount Ontake volcanic eruption in Japan, September 2014
Fig. 2 for Question 7

The nutrient cycle for an arid environment

Key

- **B** = biomass
- **S** = soil
- **L** = litter

- Input from rainfall
- Loss in run-off
- Loss by leaching
- Input from weathered rock
- Decomposition
- Fallout as litter
- Uptake by plants

L

S

B