

GEOGRAPHY

Paper 2 Advanced Physical Options INSERT

9696/02 October/November 2007

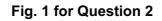
1 hour 30 minutes

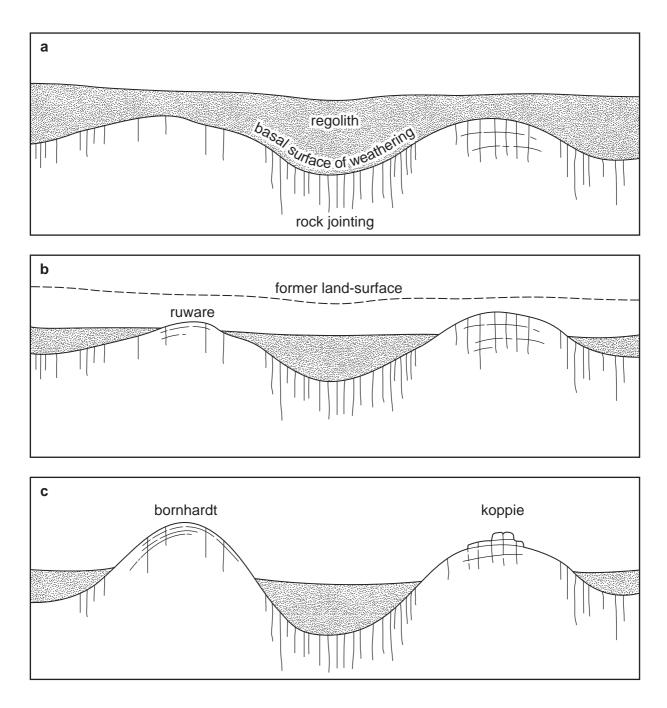
READ THESE INSTRUCTIONS FIRST

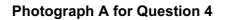
This Insert contains Photograph A, Table 1 and all the Figures referred to in the questions.

This document consists of **4** printed pages.





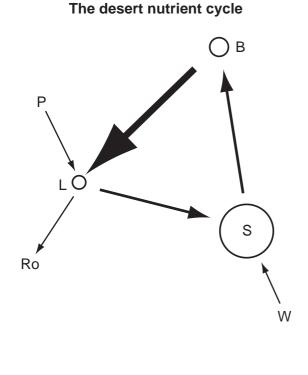




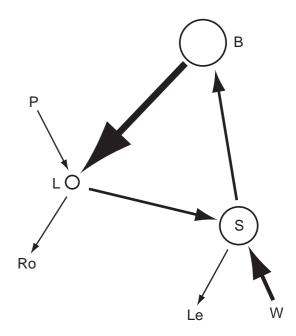


Deaths resulting from some major landslides			
year	location	cause of landslide	deaths
1920	China	earthquake	200 000
1945	Japan	tropical storm	1200
1949	USSR	earthquake	20 000
1970	Peru	earthquake	70 000
1985	Colombia	volcanic eruption	23 000
1987	Ecuador	earthquake	1000
2006	Philippines	tropical storm	1500

Fig. 2 for Question 8



The semi-arid nutrient cycle



Flows

- P Precipitation
- Ro Run-off
- Le Leaching
- W Weathering

Nutrient stores

- L Litter
- **B** Biomass
- S Soil
- flows and stores are shown proportionally

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