

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS General Certificate of Education Advanced Subsidiary Level and Advanced Leve

GEOGRAPHY 9696/13

Paper 1 Core Geography May/June 2012

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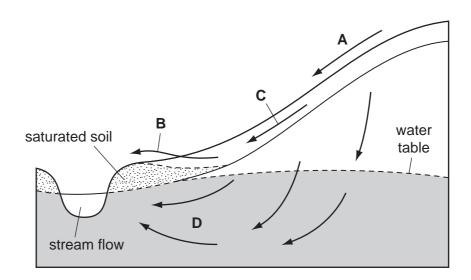
3 hours

READ THESE INSTRUCTIONS FIRST

This Insert contains all the Figures and the Table referred to in the questions.

If you answer Question 2 write your Centre number, candidate number and name in the spaces provided at the top of page 3. At the end of the examination, tear out page 3 from the Insert and attach it to your Answer Booklet/Paper.

Fig. 1 for Question 1
Water flows into a river channel



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Fig. 2 for Question 2
Unstable atmospheric conditions

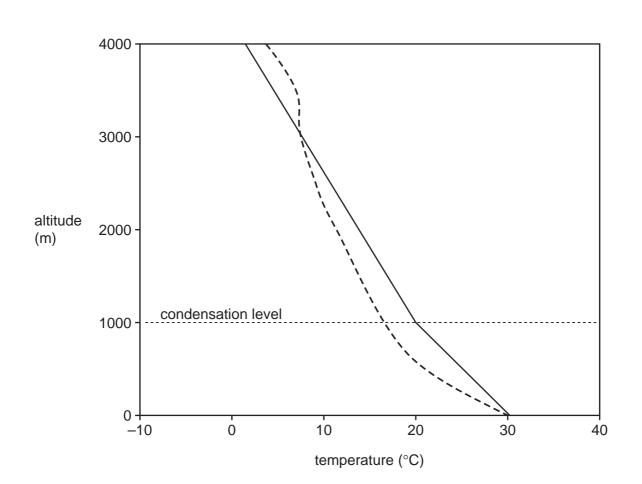


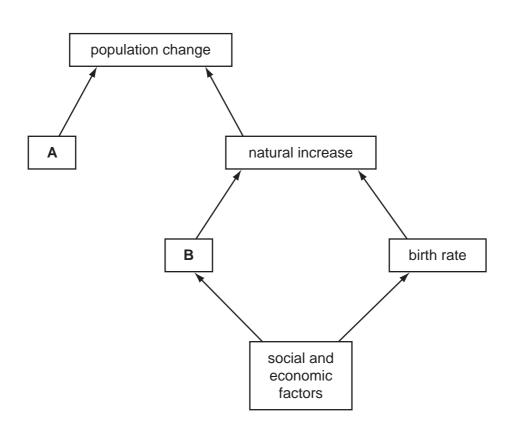
Table 1 for Question 3

Two processes of chemical weathering

	carbon dioxide (CO ₂)	+	water (H ₂ O)	-	carbonic acid (H ₂ CO ₃)	
A	carbonic acid (H ₂ CO ₃)	+	calcium carbonate (CaCO ₃)		calcium bicarbonate [soluble] (Ca(HCO ₃) ₂)	
В	ferric iron oxide (4FeO)	+	water + oxygen (H_2O) (O_2)	-	ferrous iron oxide + [crumbles] (2Fe ₂ O ₃)	water (H ₂ O)

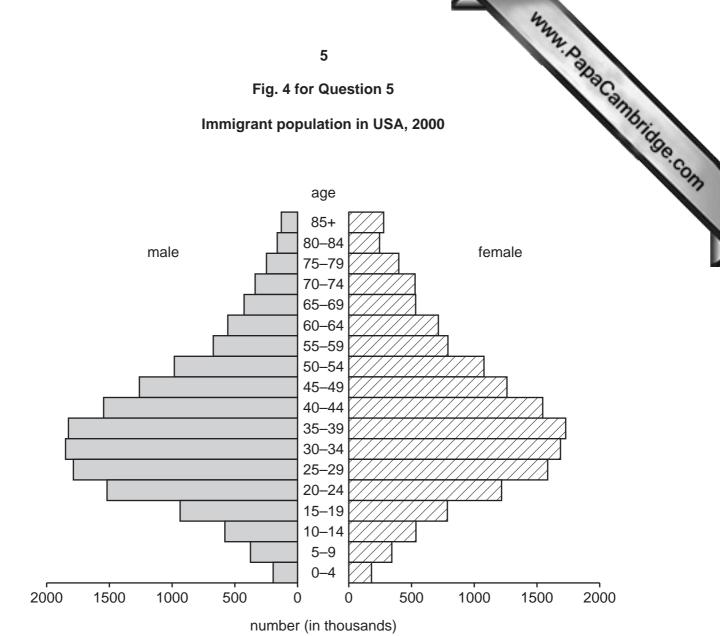
Fig. 3 for Question 4

The main elements of population change



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Fig. 4 for Question 5 Immigrant population in USA, 2000





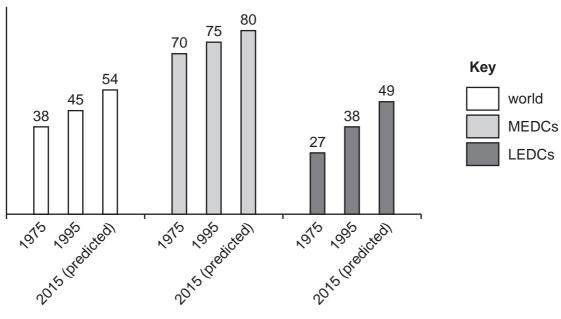


Fig. 5A

Population living in urban areas (millions)

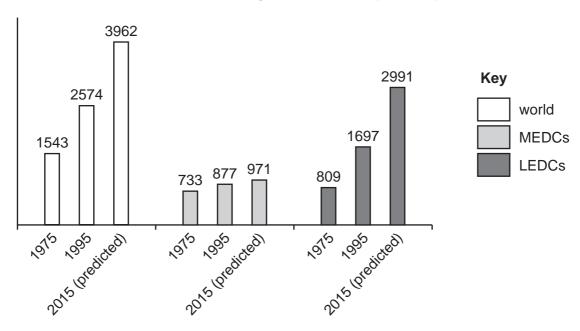
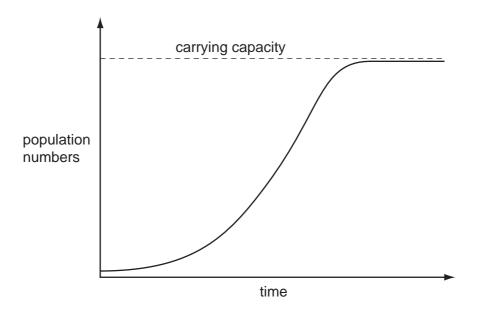


Fig. 5B

Fig. 6 for Question 10

'S' curve that models how population may change over time



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