



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

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**GEOGRAPHY**

**9696/13**

Paper 1 Core Geography

**May/June 2012**

INSERT

**3 hours**

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**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.

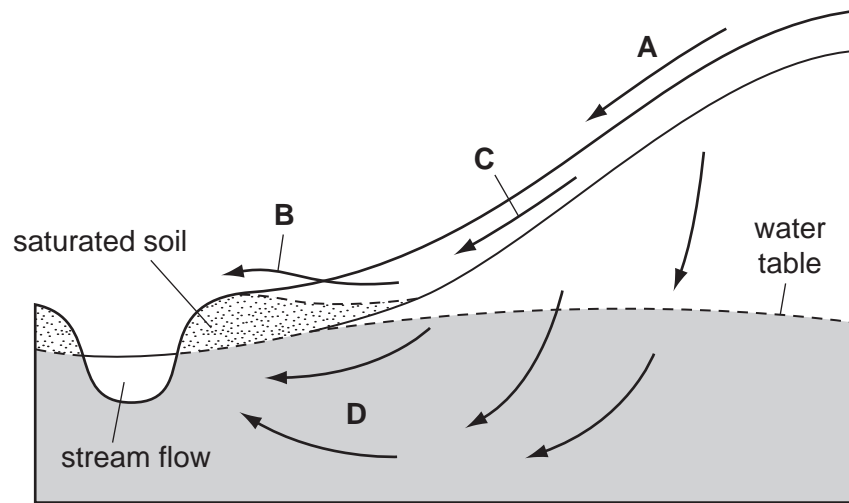
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Fig. 1 for Question 1

Water flows into a river channel



Centre Number	Candidate Number	Candidate Name

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

**Fig. 2 for Question 2**

**Unstable atmospheric conditions**

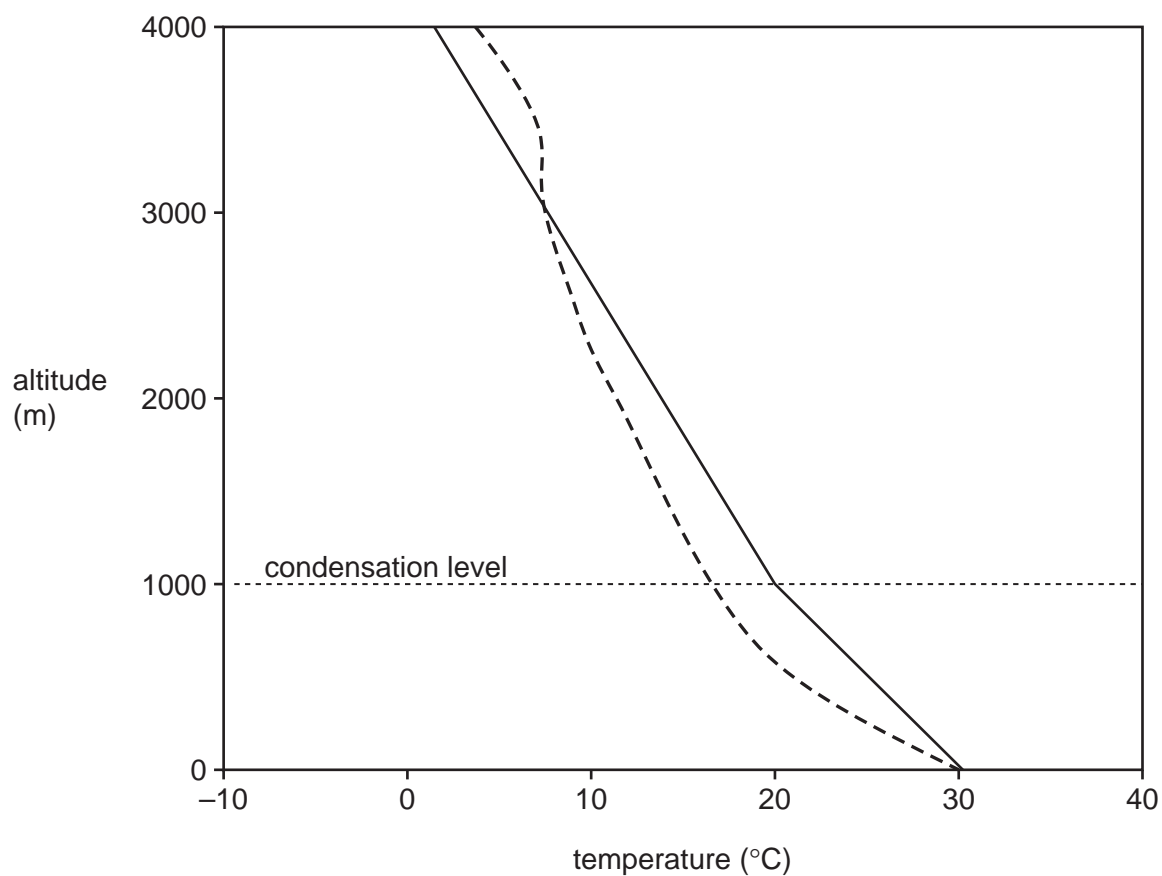


Table 1 for Question 3

## Two processes of chemical weathering

A	carbon dioxide (CO <sub>2</sub> )	+	water (H <sub>2</sub> O)	→	carbonic acid (H <sub>2</sub> CO <sub>3</sub> )				
	carbonic acid (H <sub>2</sub> CO <sub>3</sub> )	+	calcium carbonate (CaCO <sub>3</sub> )	→	calcium bicarbonate [soluble] (Ca(HCO <sub>3</sub> ) <sub>2</sub> )				
B	ferric iron oxide (4FeO)	+	water (H <sub>2</sub> O)	+	oxygen (O <sub>2</sub> )	→	ferrous iron oxide [crumbles] (2Fe <sub>2</sub> O <sub>3</sub> )	+	water (H <sub>2</sub> O)

Fig. 3 for Question 4

## The main elements of population change

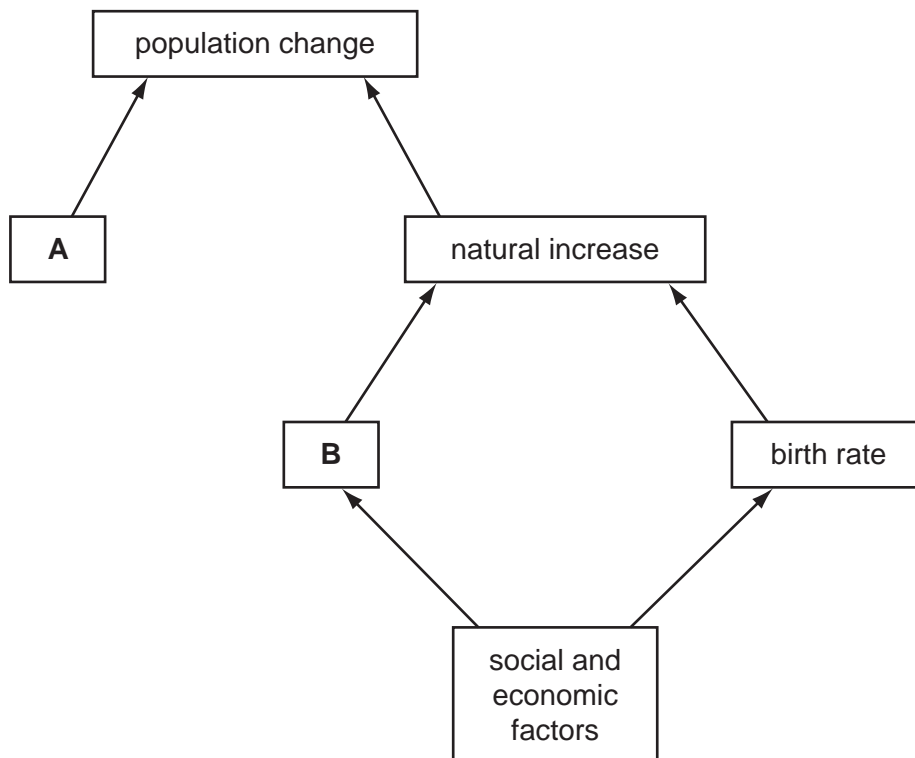
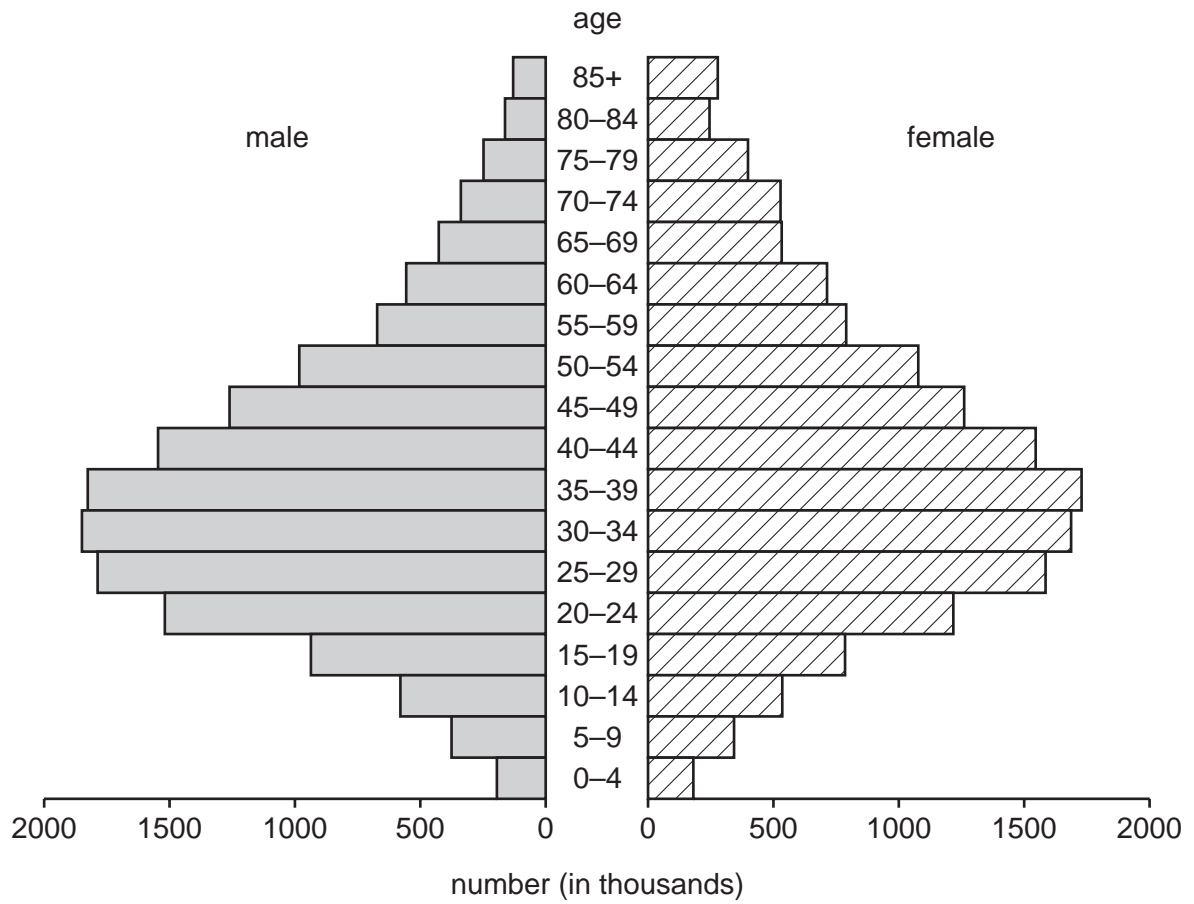


Fig. 4 for Question 5

## Immigrant population in USA, 2000



Figs 5A and 5B for Question 6

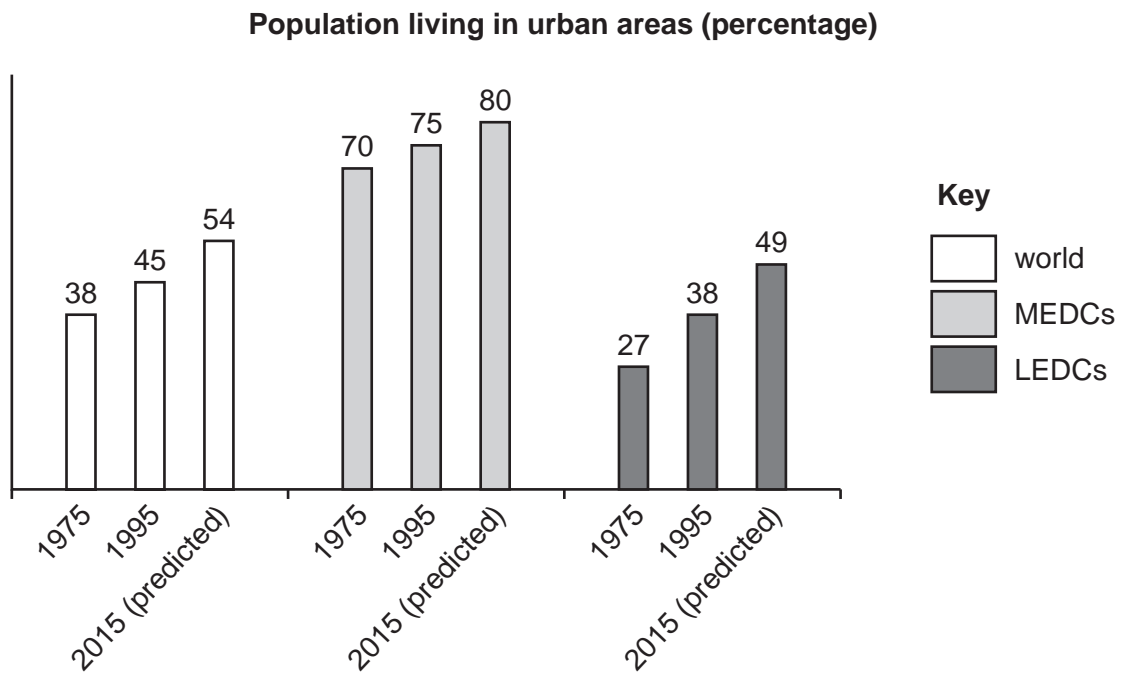


Fig. 5A

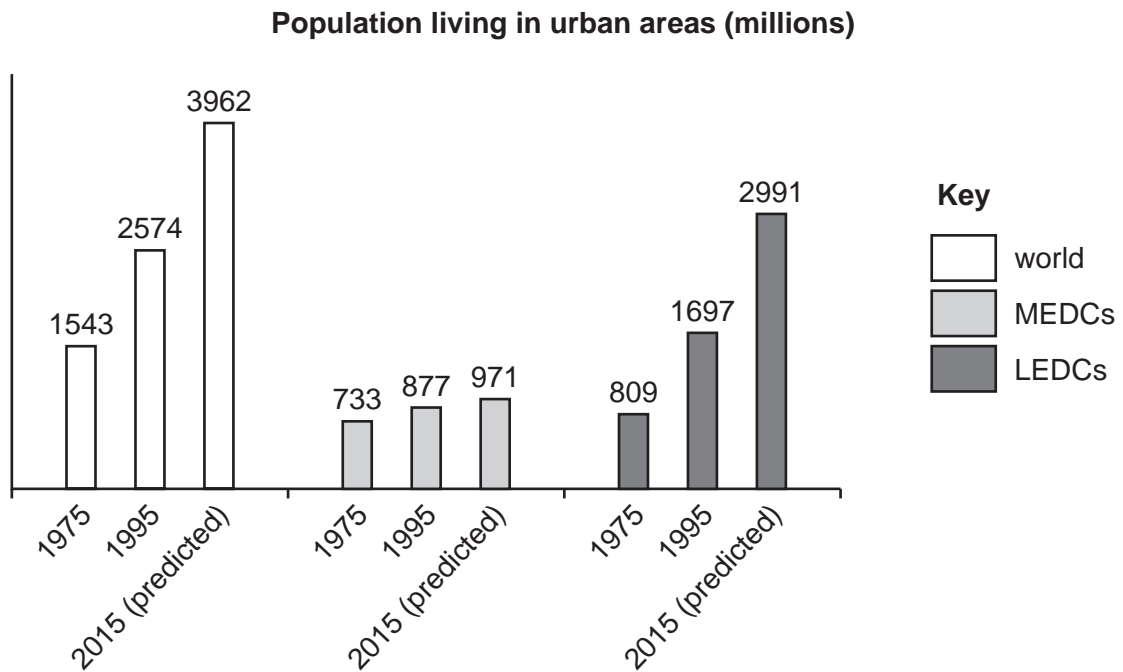
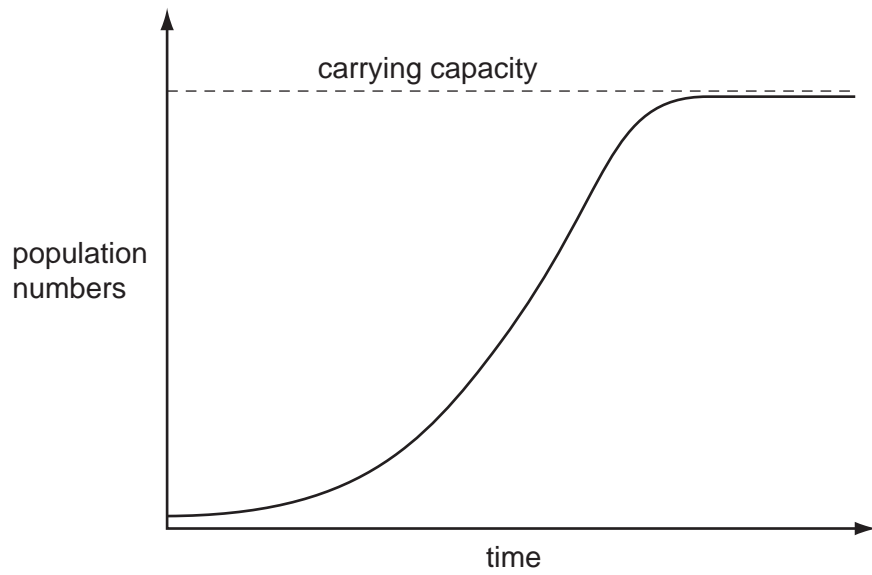


Fig. 5B

Fig. 6 for Question 10

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



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