

Edexcel GCE

Geography

**Advanced Subsidiary
Unit 1: Global Challenges
Resource Booklet**

Friday 21 May 2010 – Morning

Paper Reference

6GE01/01

**Do not return the Resource Booklet with the question
paper.**

Turn over ►

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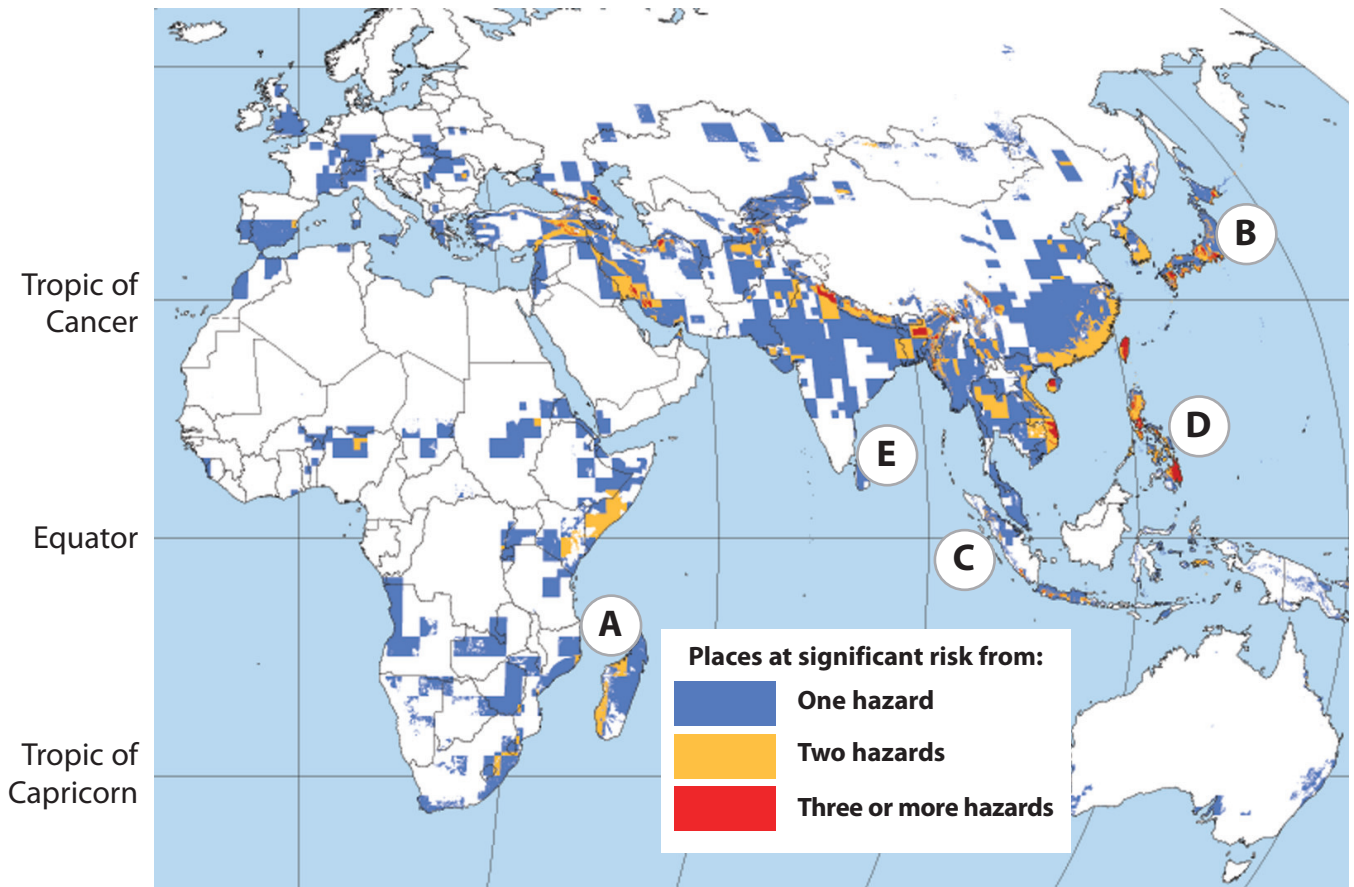


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SECTION A

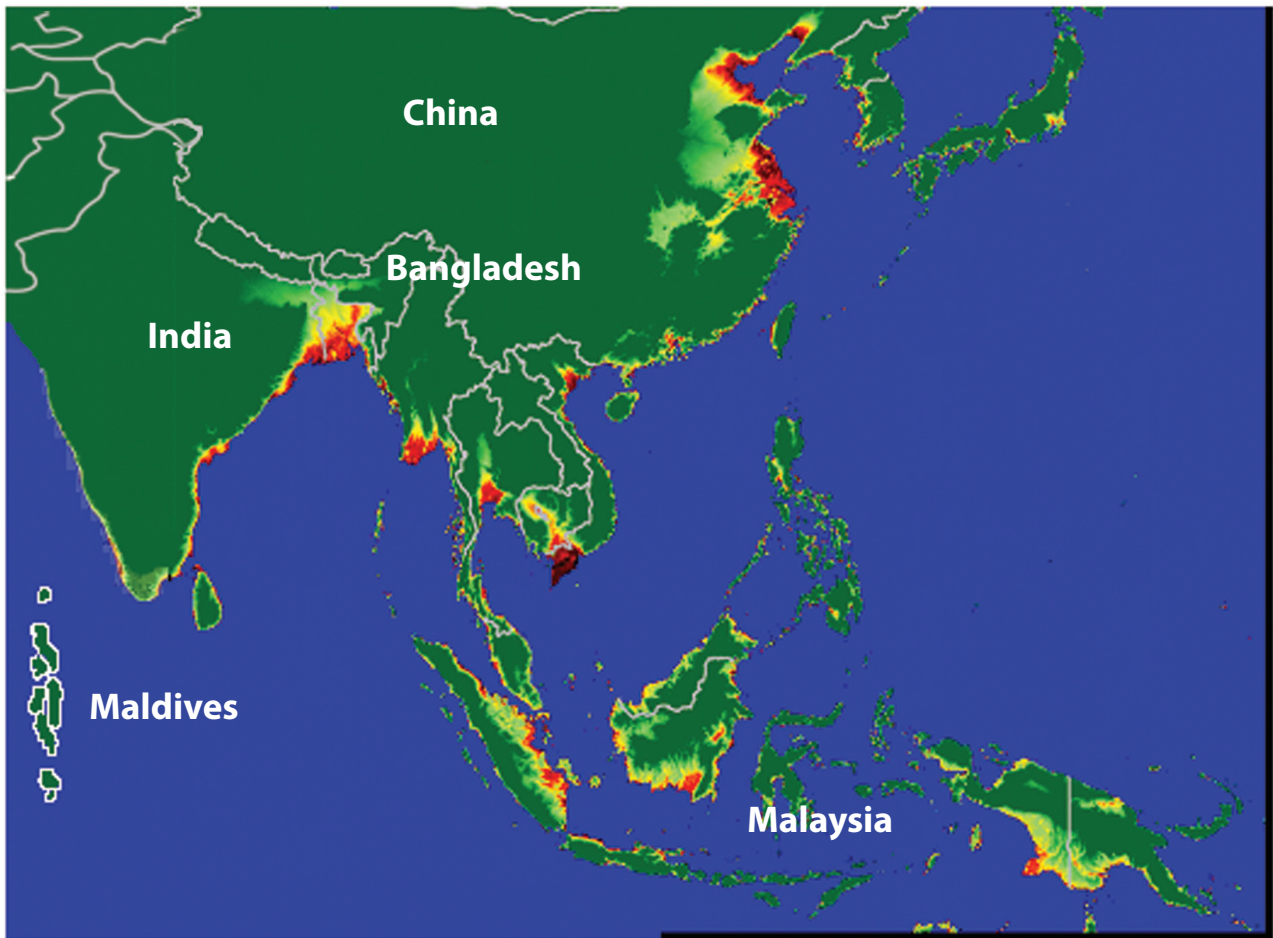
The following resources relate to Questions 1–6

Figure 1 The number of natural hazards found in parts of the world



(Source: <http://sedac.ciesin.org/>)

Figure 2 **The risk of sea level rise and land losses in southeast Asia**

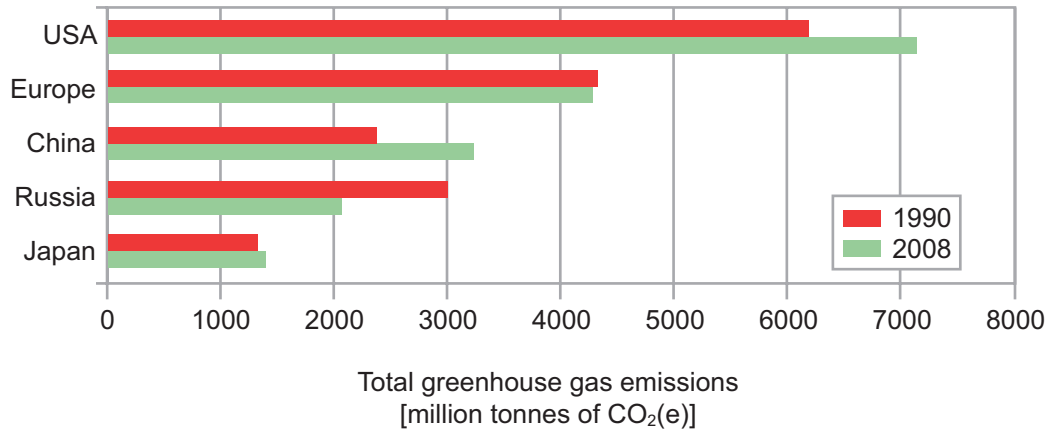


High risk

Low risk

(Source: www.globalwarmingart.com)

Figure 3 Changing greenhouse gas emissions for selected countries and regions



(Source: UNFCC)

Figure 4 Eastern European migrants living in different parts the UK

Registered migrant workers 2004–2007

- 5,000 and over
- 4,000 – 4,999
- 3,000 – 3,999
- 2,000 – 2,999
- 1,000 – 1,999
- 500 – 999
- 1 – 499

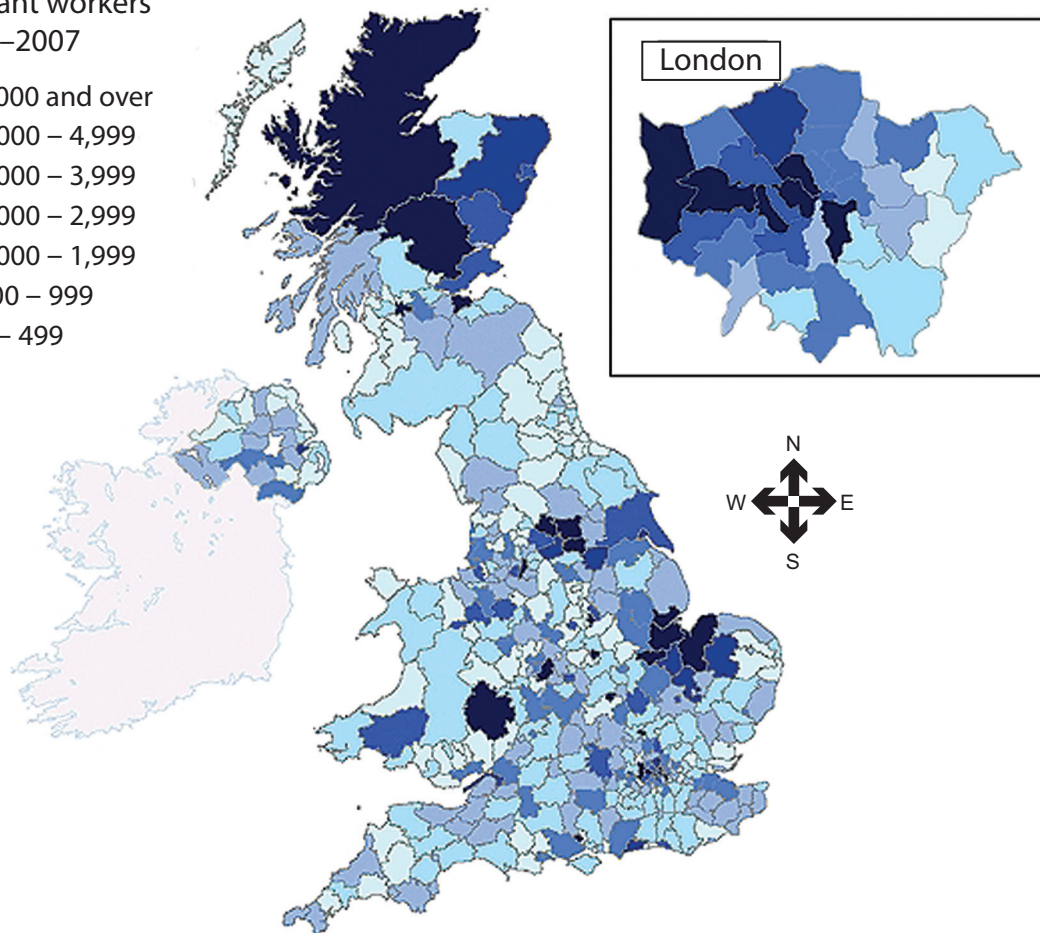
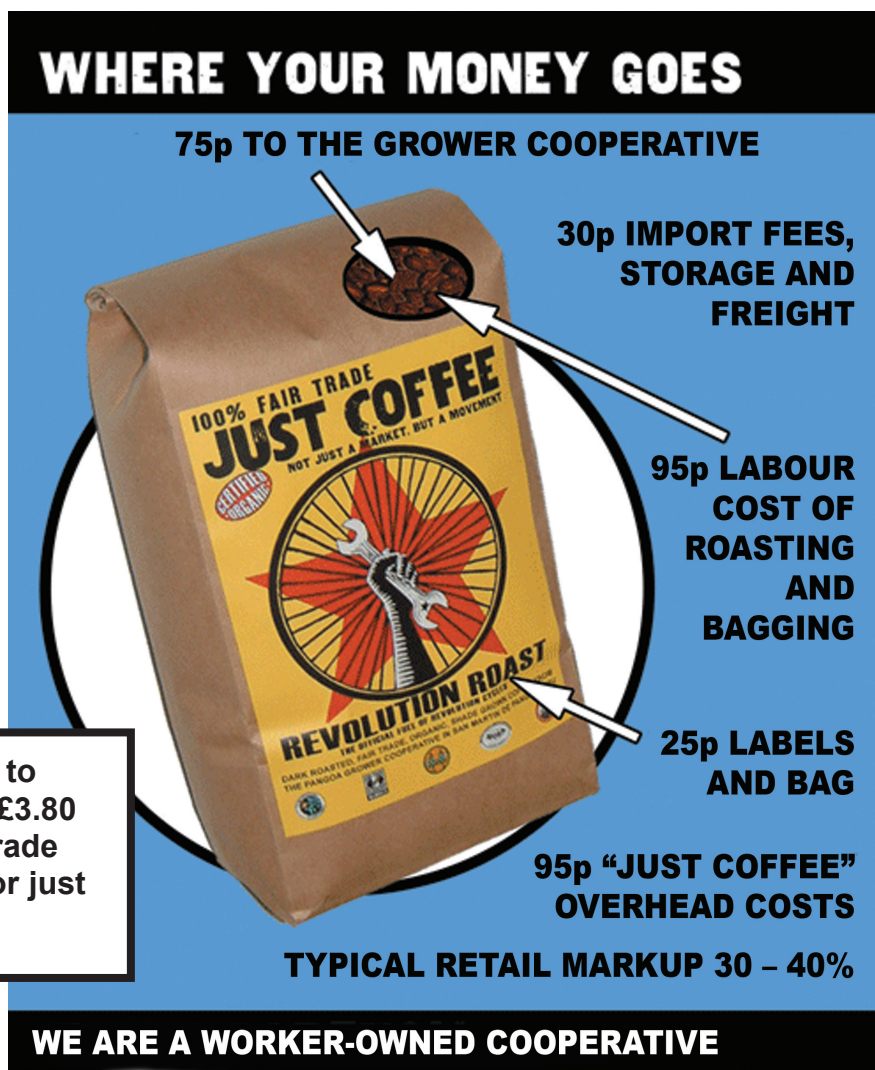


Figure 5 Sustainable urban living strategies in San Francisco



(Image source: <http://www.panoramio.com/photo/3792853>)

Figure 6 An example of an ethical purchase

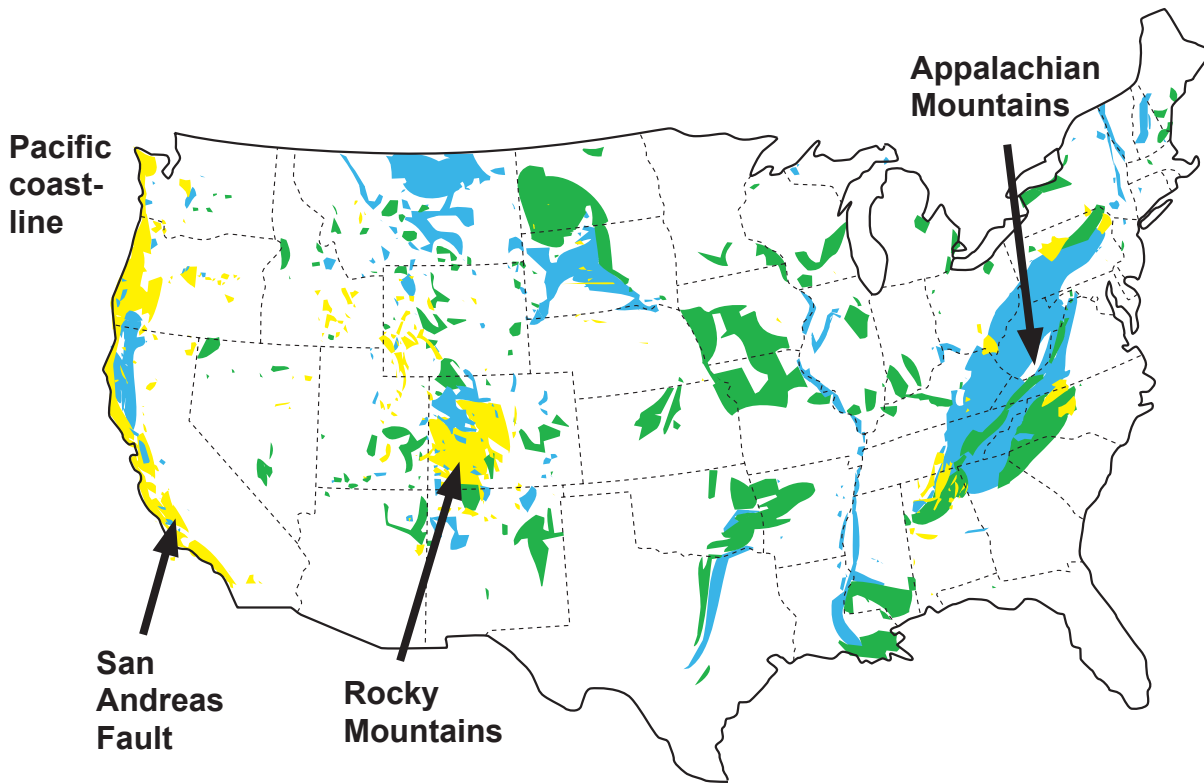


(Source: <http://www.justcoffee.com>)

SECTION B

The following resources relate to Questions 7–10

Figure 7 Landslide and avalanche hazard risk in the United States



Blue areas of the US have very high potential, yellow areas have high potential and green areas have medium potential for landslides and avalanches

Landslide & avalanche hazard risk facts

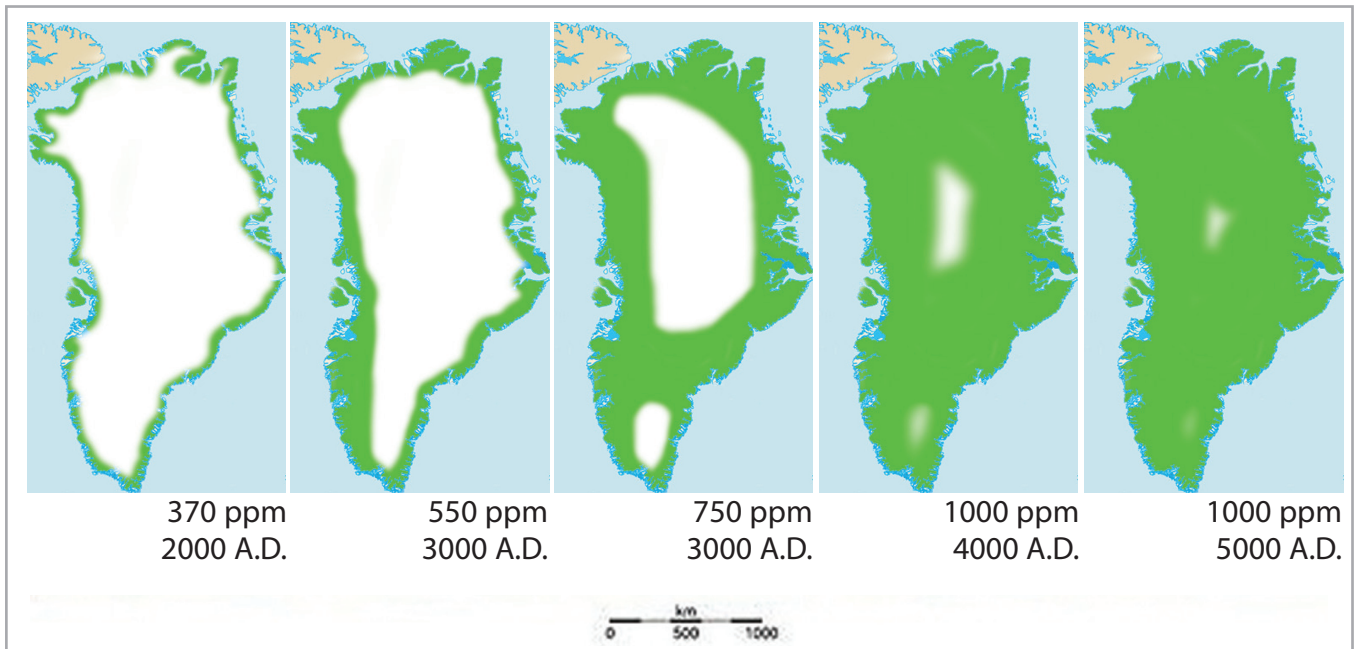
- Landslides and avalanches are one of the world's major natural hazard types.
- They cost the US \$3.5 billion per year in repair damage.
- They cause between 25 and 50 deaths in the US each year.



Homes lie damaged under this large earth flow in La Conchita, California, Saturday, March 4, 1995. January 10, 2005, a portion of this area became a debris flow during heavy rain, destroying several homes and killing 10 people. (USGS photo/Robert L. Schuster)

(Source: USGS)

Figure 8 Possible future changes to Greenland's ice sheet caused by global warming



- The predicted changes shown correspond with an Intergovernmental Panel on Climate Change (IPCC) model in which atmospheric carbon dioxide concentration eventually reaches 1000 ppm (parts per million).
- Sustained global warming will lead to the total disappearance of the Greenland ice sheet within 3000 years of today.
- Total melting of Greenland's ice will cause world sea levels to rise by 7.5 metres.

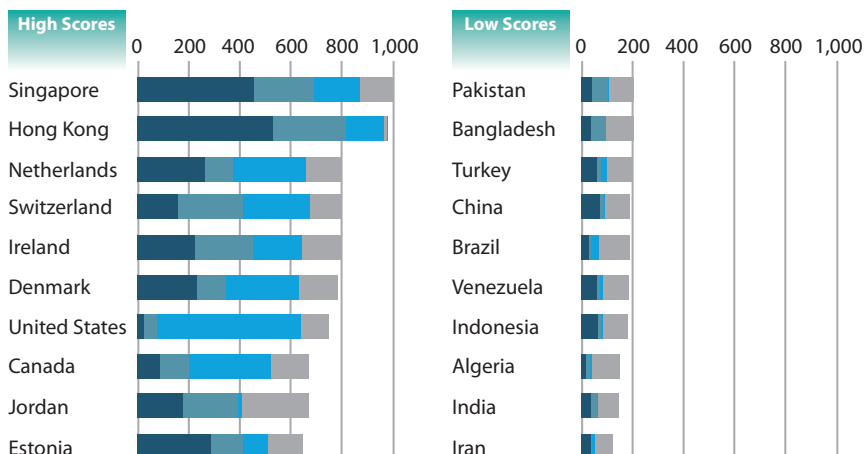
(Source: www.climatescience.greenlandicesheet)

Figure 9 Globalisation scores for 20 countries (up to 1,000 points awarded to each)

Globalisation score

2005

■ Economic ■ Personal ■ Technological ■ Political



Economic
points are scored by firms with a high share of world trade in proportion to their size

Technological
points are scored by countries with high levels of internet use



Personal
points are scored when a nation's citizens travel abroad on holiday

Political
points are scored when countries join agencies like the UN Security Council

(Source: The Economist / A.T. Kearney)

Figure 10 An information leaflet for British families of Caribbean descent who want to trace their family roots

Caribbean Family Roots

Top tips to follow

- Get as much information as you can from members of your family. Find out where your ancestors lived and what their jobs were.



- Many 19th century Afro-Caribbeans had a skilled trade and lived in ports like Bristol or Liverpool. Records may exist in these places that relate to your family.
- In the first half of the 20th century, people from the Caribbean served in both world wars, and many of their records can be found through military sources.

- Many more settled in Britain after 1948, when the Empire Windrush, and other ships, brought people from the West Indies to the UK. Passenger list records are kept at The National Archives at Kew, London.

- For older information about Caribbean families before this time, you will need to look at family records in Caribbean record offices.

Name	Other Details
SEPTIMUS	Edward
SEPTIMUS	Lloyd
SEPTIMUS	Robert
SEPTIMUS	Thomas
SEPTIMUS	Evelyn
SEPTIMUS	Arthur
SEPTIMUS	Fulton
SEPTIMUS	Lloyd
SEPTIMUS	Eric
SEPTIMUS	Gilbert
SEPTIMUS	Carlton
SEPTIMUS	Vincent
SEPTIMUS	Robert
SEPTIMUS	Marion
SEPTIMUS	Willie
SEPTIMUS	Oscar

Above: The passenger list for the Empire Windrush

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