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Monday 18 June 2012 – Morning

GCSE GEOGRAPHY B (and Short Course)

B563/A772/01/02/RB   Key Geographical Themes (Foundation and Higher Tier)

RESOURCE BOOKLET

INFORMATION FOR CANDIDATES

- The following abbreviations may be used:

  MEDC   –   More Economically Developed Country.
  LEDC   –   Less Economically Developed Country.
  EU   –   European Union which includes the United Kingdom.

- You may not use all of the resources. The questions tell you which resources you need to use.

- This document consists of **16** pages. Any blank pages are indicated.

INSTRUCTION TO EXAMS OFFICER/INVIGILATOR

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CONTENTS OF THE RESOURCE BOOKLET

Turn over

Fig. 1 A drainage basin system

(For use with A772 Question 1)

precipitation

interception

transpiration   evaporation

surface run-off

streamflow   river

forest

soil

soil
moisture

throughflow

groundwater flow

rock

groundwater

Fig. 2 Risk of flooding in English local authorities

(For use with A772 Question 1)

Key:

total number of properties at significant risk of flooding

- 0–999
- 1000–2499
- 2500–4999
- 5000–7499
- 7500+
- local authority boundary
- regional boundary

North East Region

Leeds

East Lindsey

Daventry

Herefordshire

North Devon

South East Region
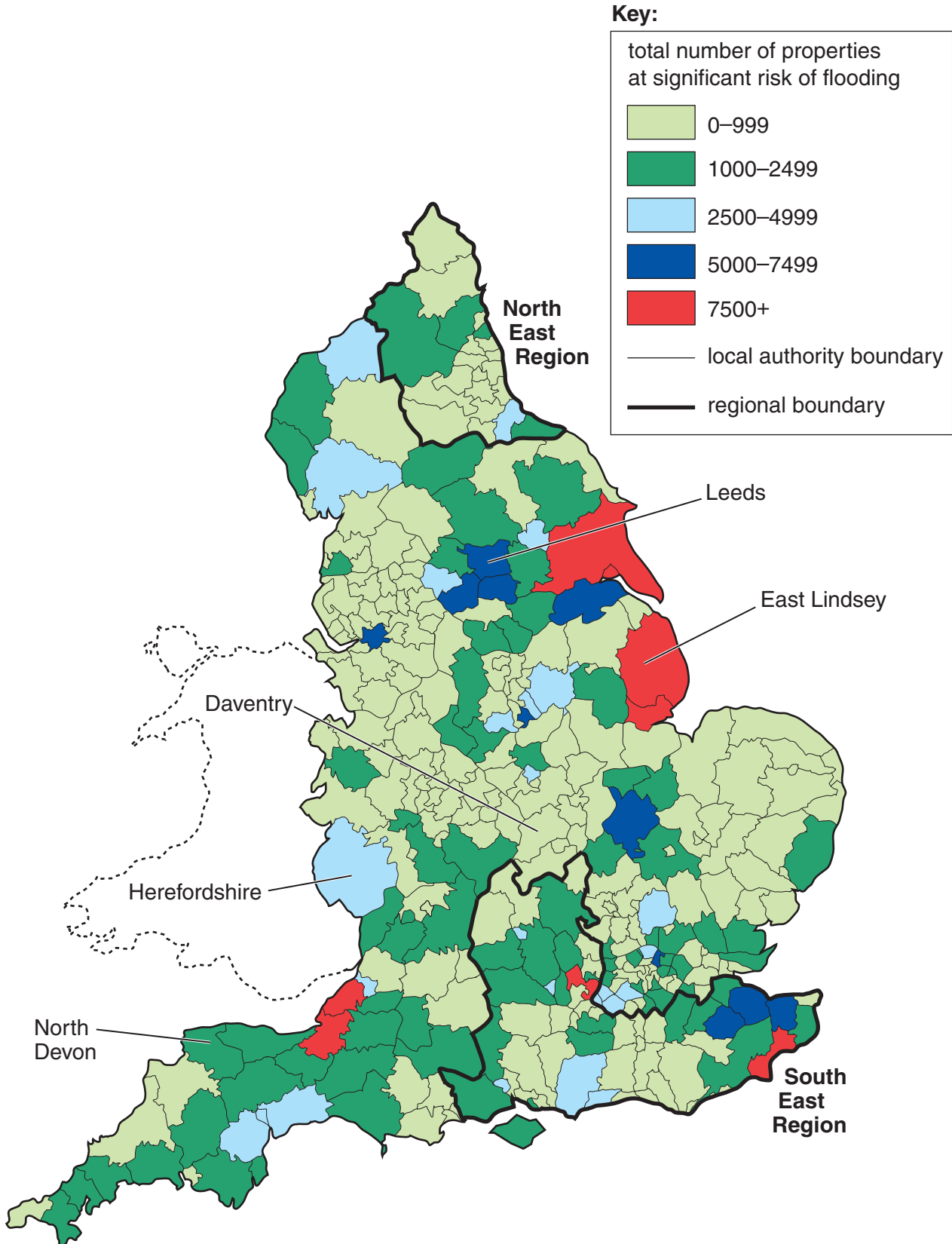
Turn over

4

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Fig. 3 Average annual rate of erosion for settlements along the Holderness coast
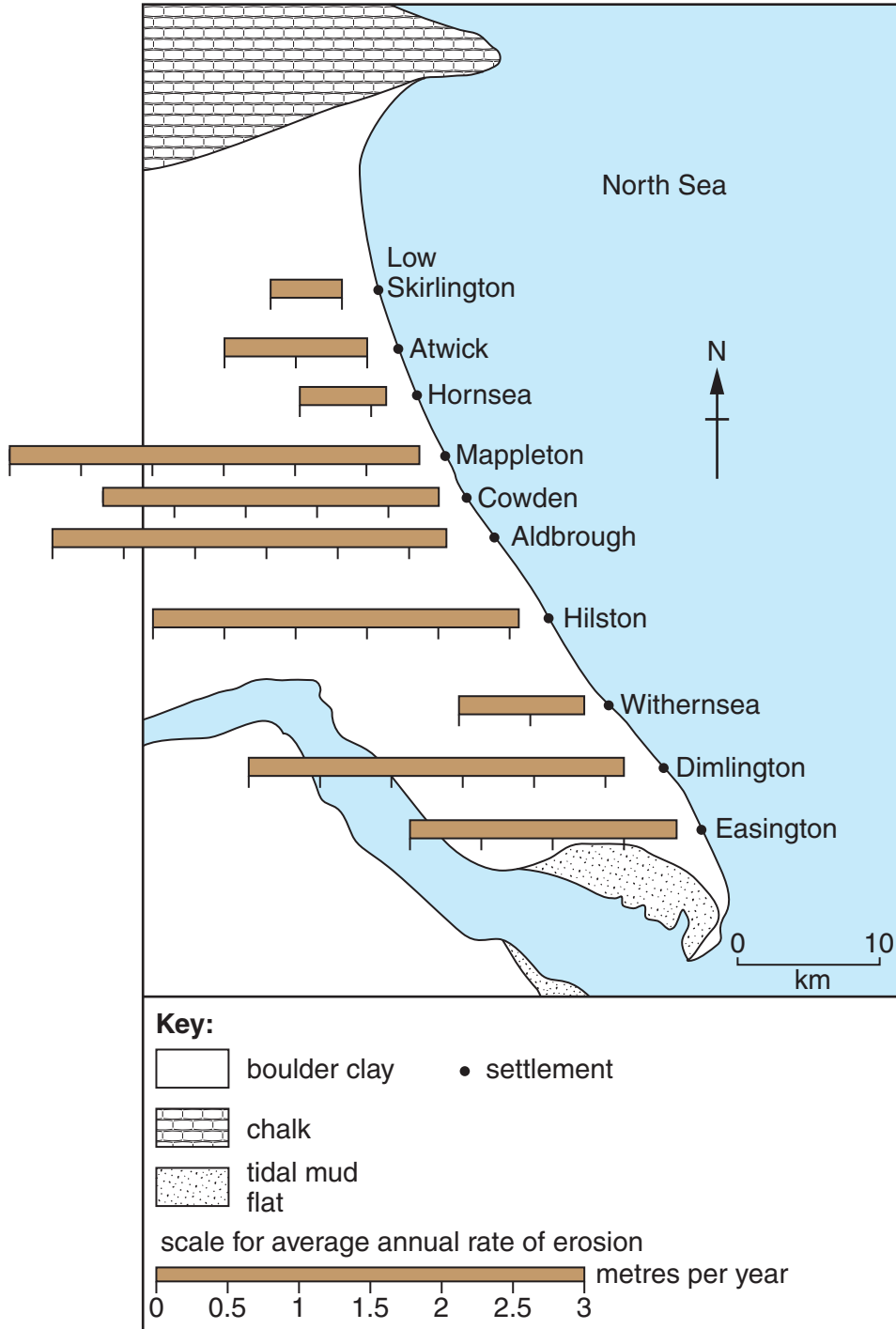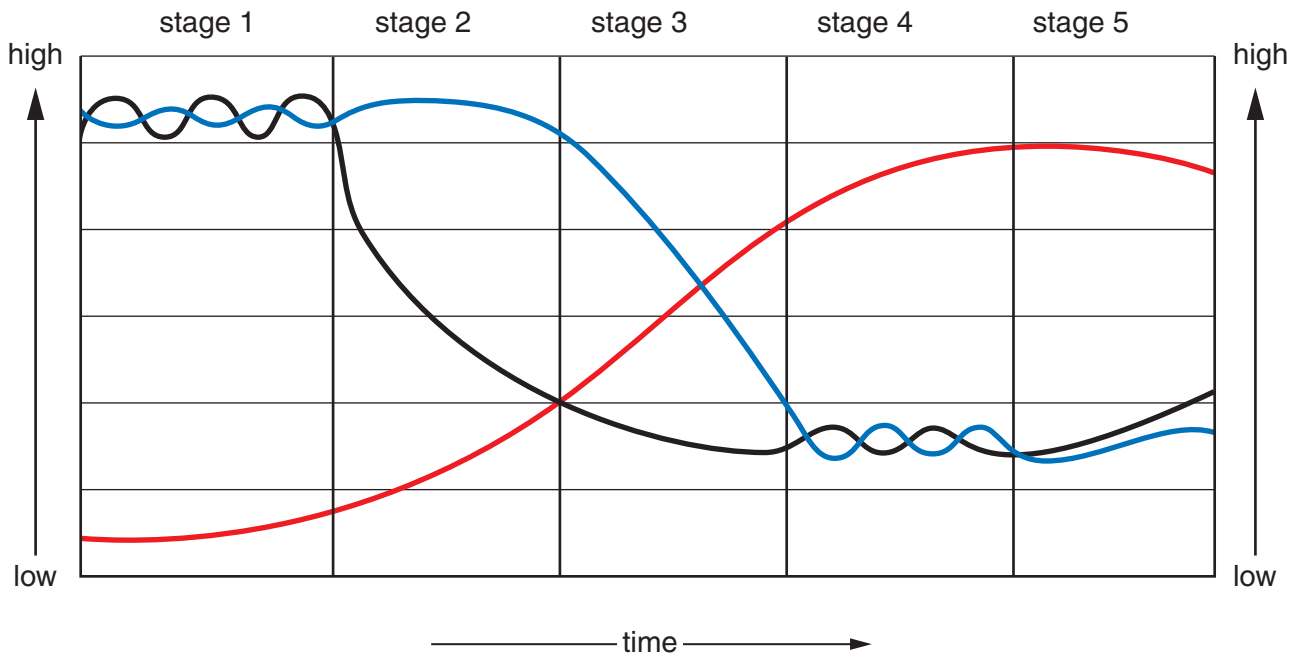
(For use with A772 Question 2)

Fig. 4 The Demographic Transition Model

(For use with B563 Question 1)

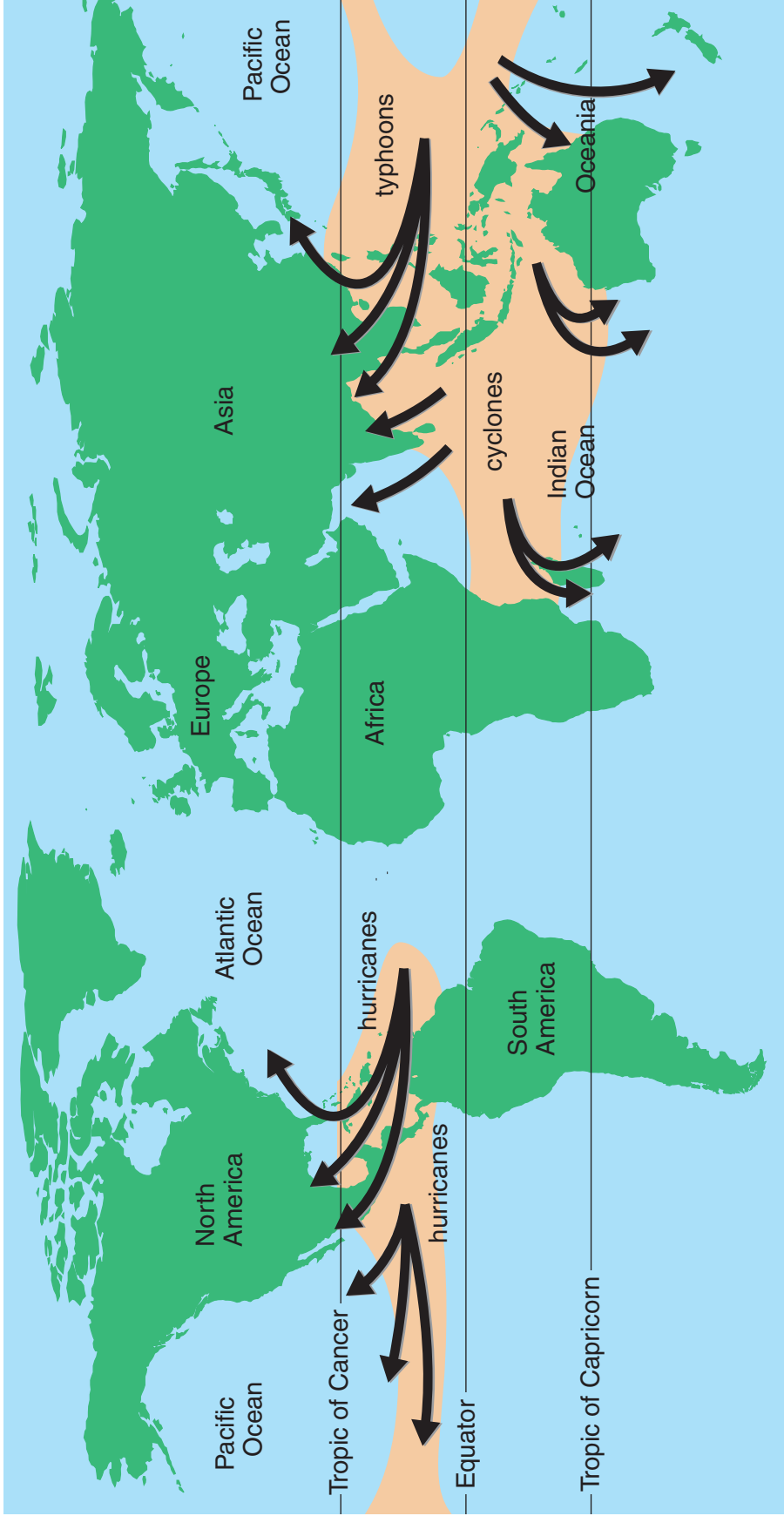**Key:**
- birth rate
- death rate
- total population

Fig. 5 Family Health Services poster from Kenya, East Africa

(For use with B563 Question 1)

                                       Turn over

Fig. 6 Global locations of major tropical storms

(For use with B563 Question 3)

In different parts of the world tropical storms are also known as cyclones, hurricanes or typhoons.

Key:

areas where tropical storms form

tropical storm paths

Fig. 7 Satellite image of Hurricane Bill, 18 August 2009
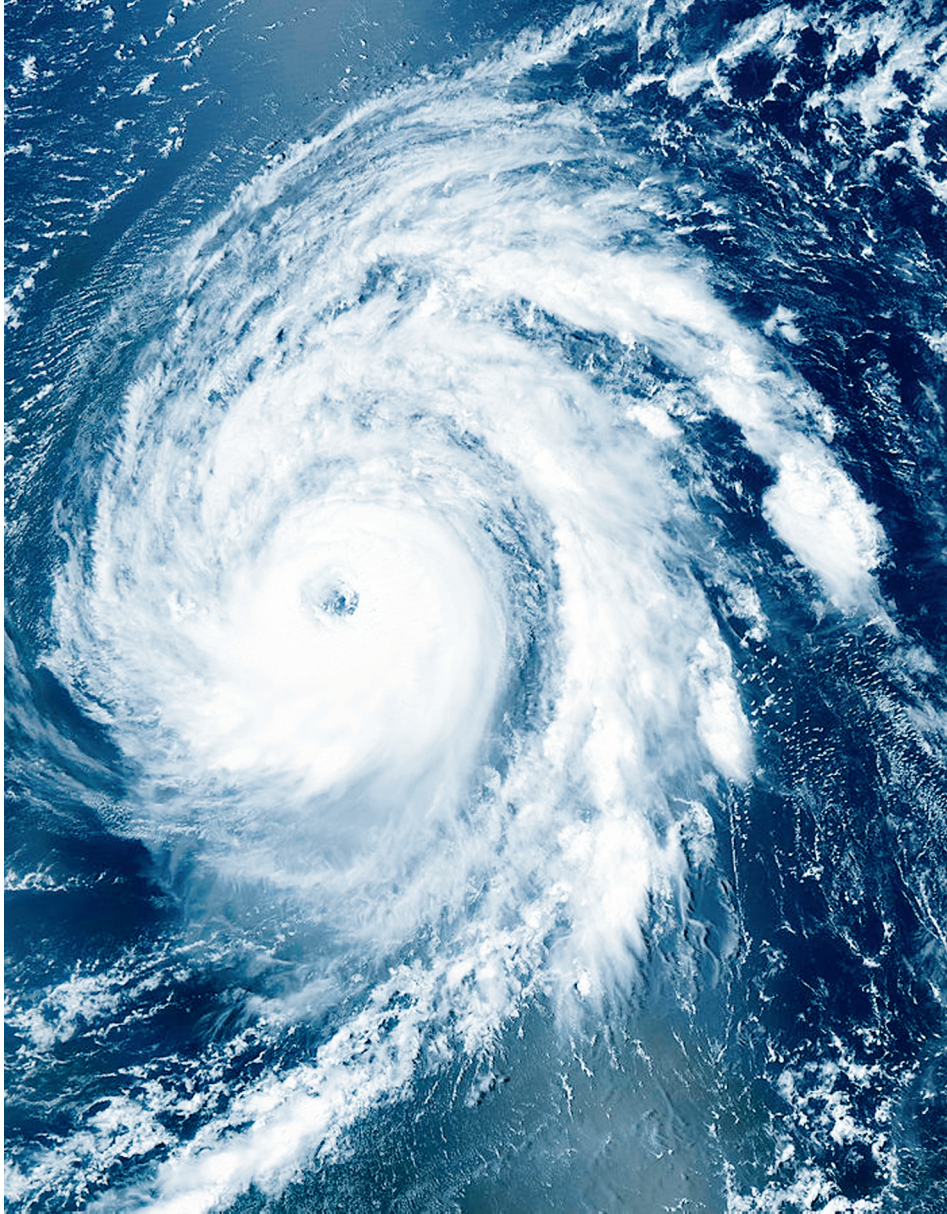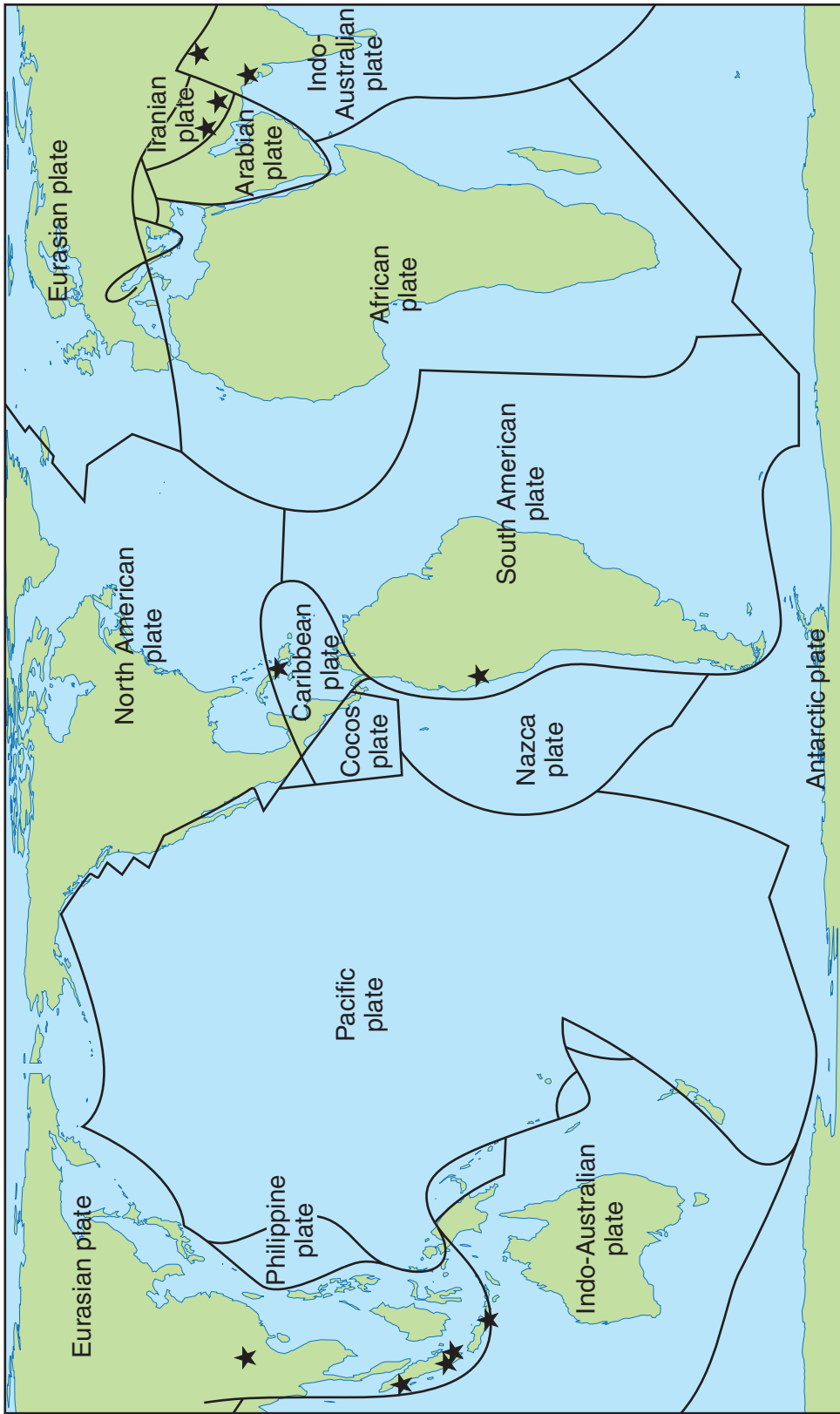
(For use with B563 Question 3)

Fig. 8a Locations of the deadliest earthquakes in each year from 2000 to 2010

(For use with B563 Question 4)

Key:

╱ = plate boundary

★ = location of earthquakes

Fig. 8b World's deadliest earthquakes in each year from 2000 to 2010

(For use with B563 Question 4)

Year	Country	Earthquake magnitude (Richter Scale)	Deaths
2000	Indonesia	7.9	103
2001	India	7.7	20 023
2002	Afghanistan	6.1	1000
2003	Iran	6.6	30 000
2004	Indonesia	9.1	227 898
2005	Pakistan	7.6	80 361
2006	Indonesia	6.3	5749
2007	Peru	8.0	514
2008	China	7.9	87 587
2009	Indonesia	7.5	1117
2010	Haiti	7.0	222 570

Fig. 9a GDP per person and infant mortality rate for selected countries

(For use with A772 Question 3 and B563 Question 5)
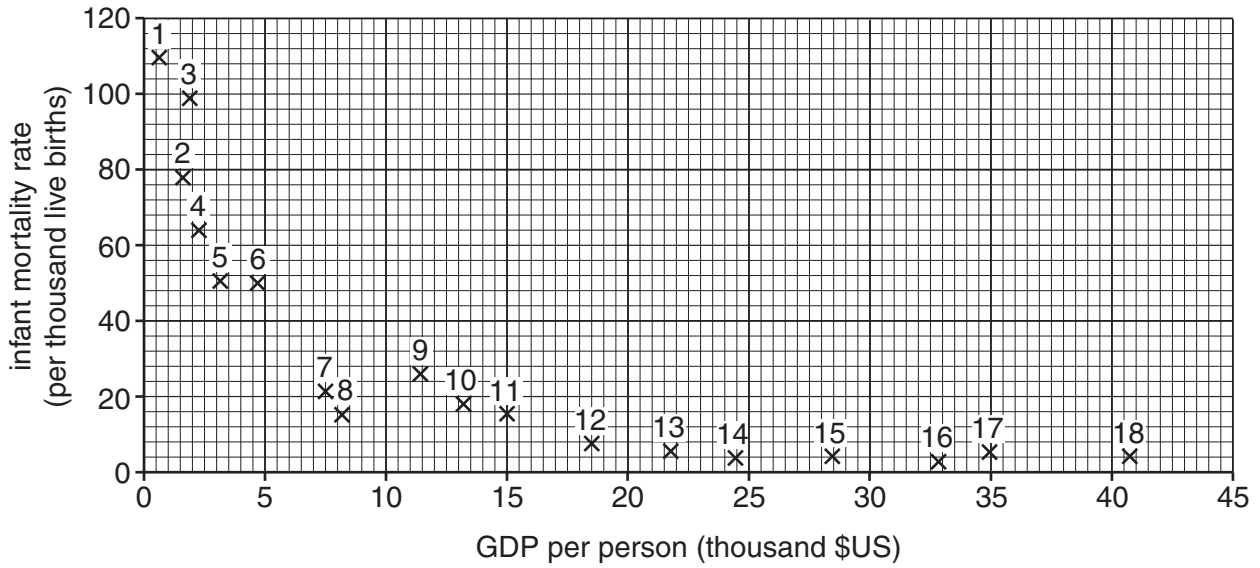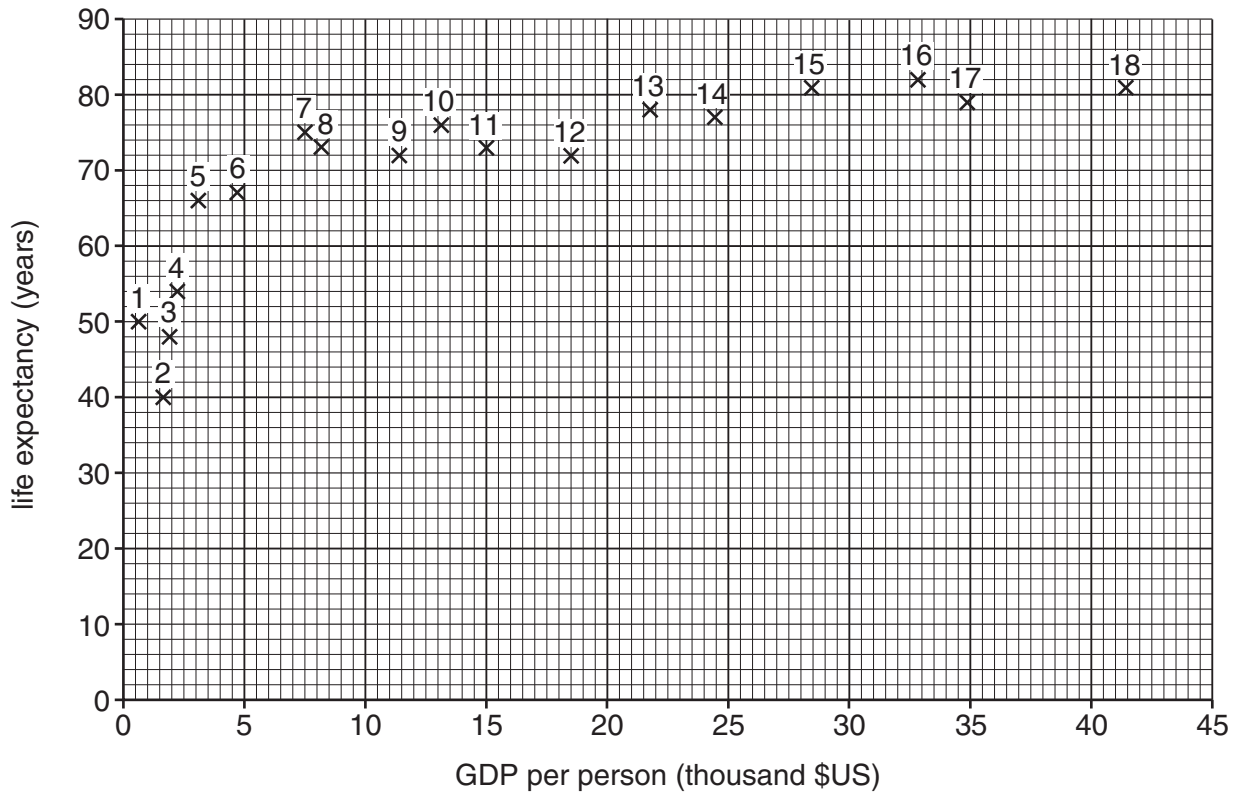
Fig. 9b GDP per person and life expectancy for selected countries

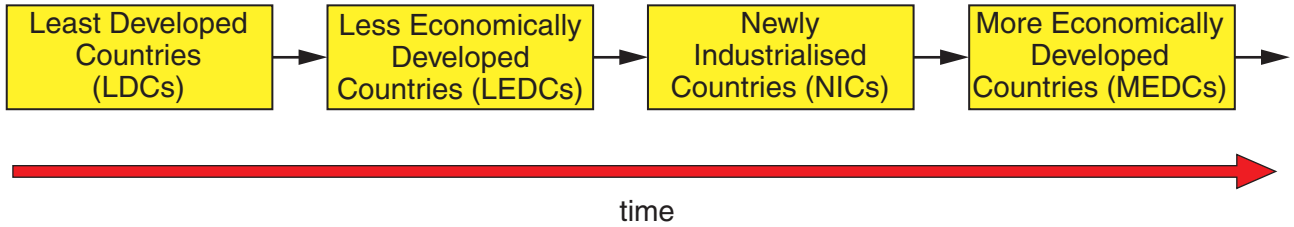(For use with A772/02 Question 3 and B563/02 Question 5)

Key to countries:

|			
1	Somalia	10	Mexico
2	Lesotho	11	Malaysia
3	Chad	12	Estonia
4	Cameroon	13	Portugal
5	India	14	Czech Republic
6	Bolivia	15	Israel
7	Ecuador	16	Japan
8	Thailand	17	UK
9	Turkey	18	Switzerland

Fig. 10 A model of stages of development

(For use with A772/02 Question 3 and B563/02 Question 5)

| Least Developed Countries (LDCs) | → | Less Economically Developed Countries (LEDCs) | → | Newly Industrialised Countries (NICs) | → | More Economically Developed Countries (MEDCs) | → |

time

Fig. 11 World map showing the North-South divide

(For use with A772/02 Question 3 and B563/02 Question 5)
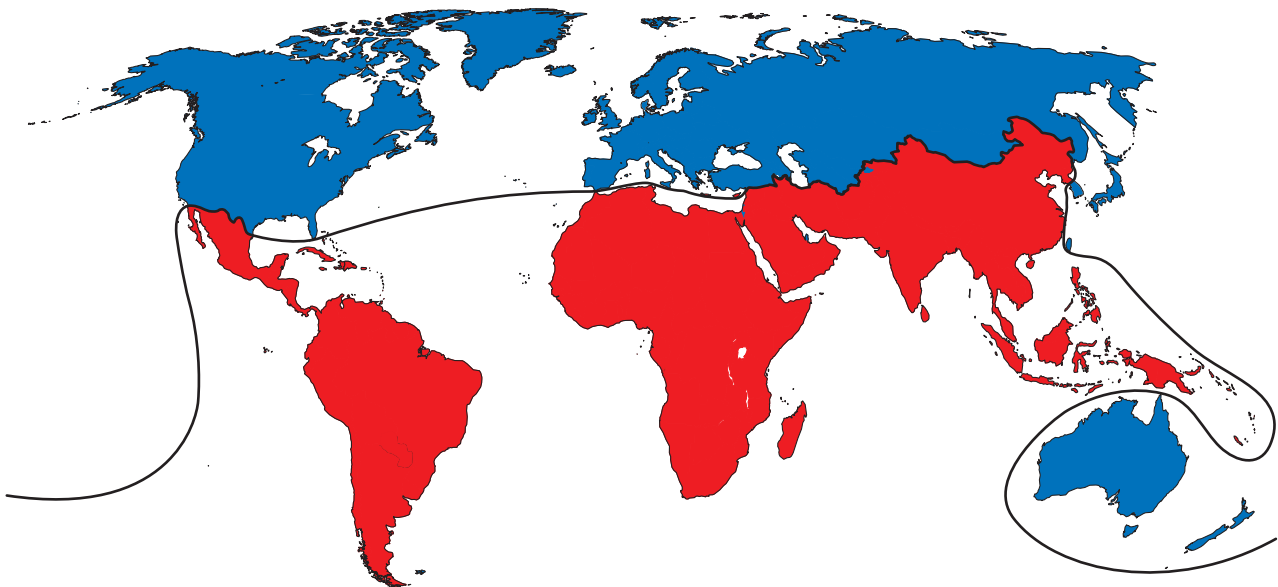
Key:
- developed countries (MEDCs)
- developing countries (LEDCs)

Fig. 12 Employment structure of the UK

(For use with A772/01 Question 4 and B563/01 Question 6)
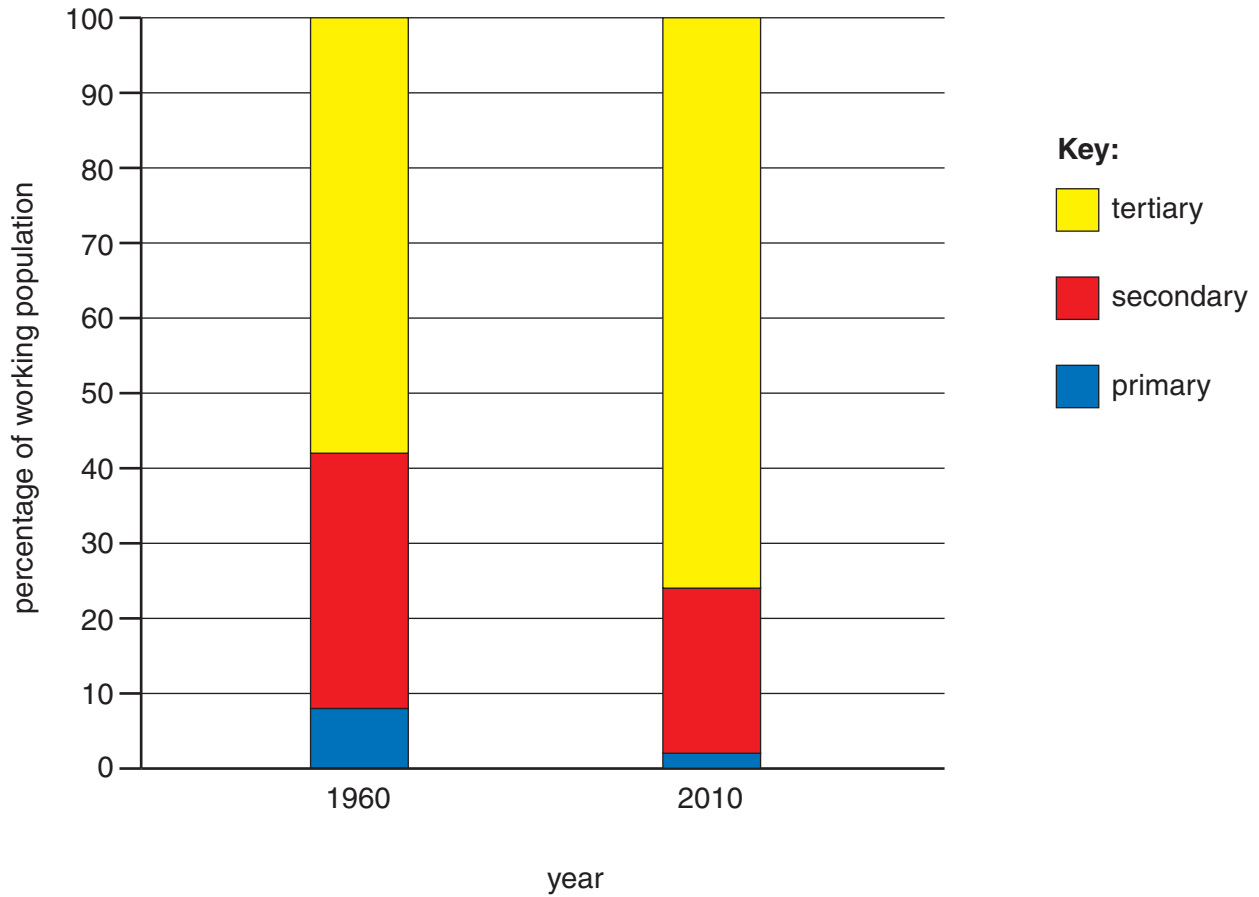
Fig. 13 Employment structure of eight countries

(For use with A772/02 Question 4 and B563/02 Question 6)
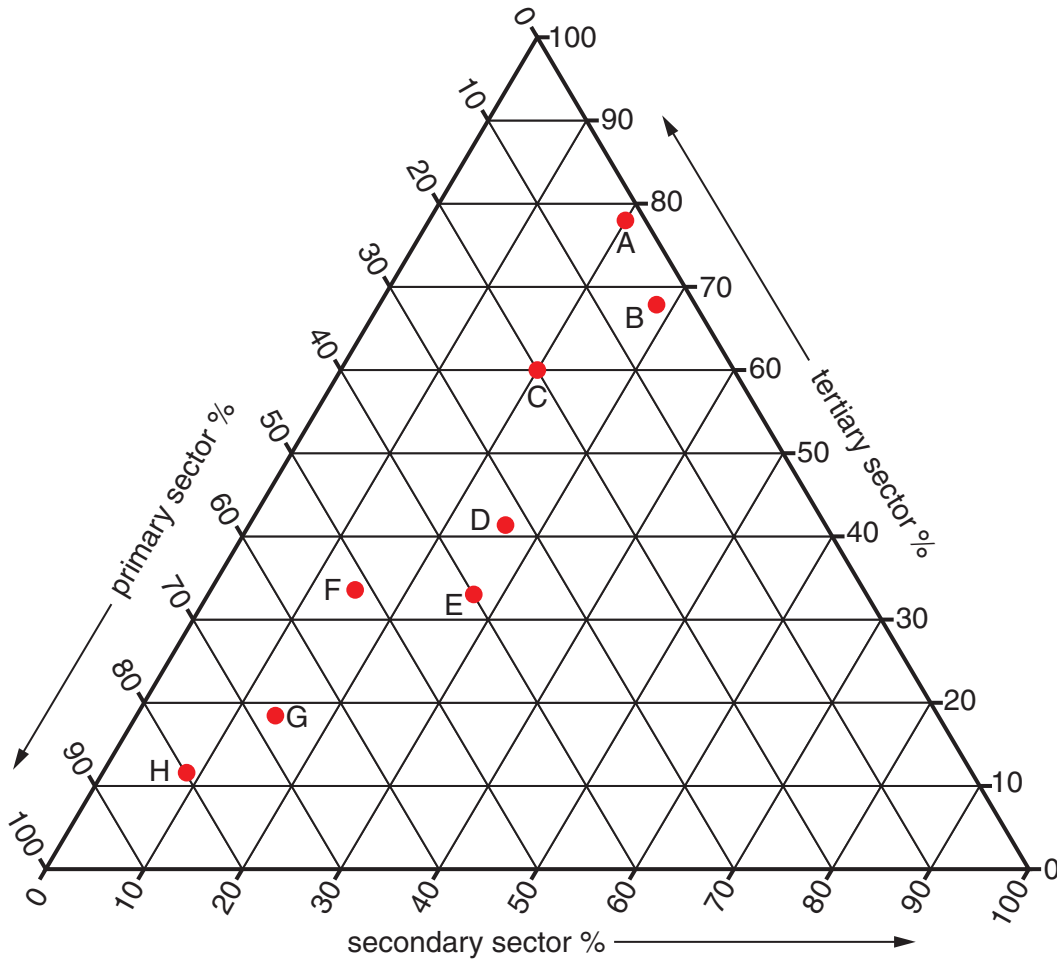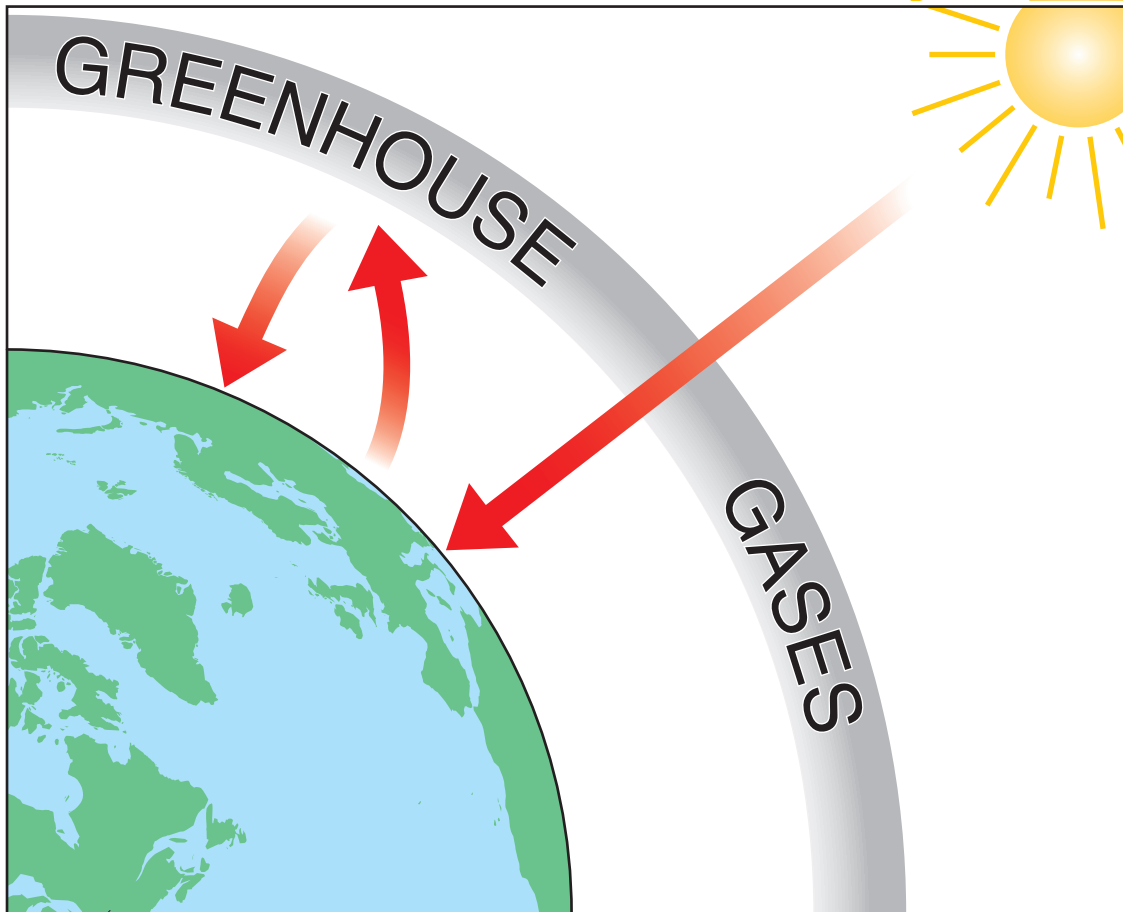

Key to countries:

A Canada
B Japan
C Serbia
D Sri Lanka
E China
F India
G Cambodia
H Chad

Example of employment
structure from graph:

Canada (A)
Primary 2%
Secondary 20%
Tertiary 78%

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Fig. 14 The greenhouse effect

(For use with A772 Question 4 and B563 Question 6)