Candidate surname

Other names

Pearson Edexcel
Level 1/Level 2 GCSE (9-1)

Centre Number

Candidate Number

Wednesday 5 June 2019

Afternoon (Time: 1 hour 30 minutes)

Paper Reference **1GA0/02**

Geography A
Paper 2: The Human Environment

You must have:
Resource Booklet (enclosed)
Calculator

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- In Section A and Section B answer **all** questions.
- In Section C answer **all** of Question 3 and **one** question from **either** Question 4 **or** Question 5.
- Answer the questions in the spaces provided
  – *there may be more space than you need*.
- Where asked you must **show all your working out** with **your answer clearly identified** at the **end of your solution.**

Information

- The total mark for this paper is 94.
- The marks for **each** question are shown in brackets
  – *use this as a guide as to how much time to spend on each question*.
- The marks available for spelling, punctuation, grammar and use of specialist terminology are clearly indicated.

Advice

- Read each question carefully before you start to answer it.
- Check your answers if you have time at the end.

Turn over ▶

PEARSON

SECTION A

Changing Cities

Answer ALL questions in this section.
Write your answers in the spaces provided.

Some questions must be answered with a cross in a box ⊠. If you change your mind about an answer, put a line through the box ⊠ and then mark your new answer with a cross ⊠.

1 UK cities are being changed by movements of people, employment and services.

(a) Study Figure 1a in the Resource Booklet.

(i) Identify the largest ethnic group in the borough of Sutton.

(1)

⊠ **A** White (British)

⊠ **B** Pakistani

⊠ **C** Black

⊠ **D** White (other)

(ii) Identify the borough with the largest Indian ethnic group.

(1)

⊠ **A** Haringey

⊠ **B** Havering

⊠ **C** Brent

⊠ **D** Tower Hamlets

(iii) Describe **one** weakness of the method of presenting data shown in Figure 1a.

(2)

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(b) Economic change can create challenges for UK cities.

Study Figure 1b in the Resource Booklet.

(i) Identify the range of mean annual earnings shown in Figure 1b.

(1)

☒ **A** 14,000

☒ **B** 18,500

☒ **C** 25,000

☒ **D** 32,500

(ii) Suggest **one** reason for the differences shown in Figure 1b.

(3)

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(c) Define the term **situation of a city**.

(1)

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(d) State **two** reasons why people are attracted to out-of-town shopping centres.

(2)

1 ....

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2 ....

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(e) Explain **two** transport strategies aimed at making urban living more sustainable in a named major UK city.

(4)

Named major UK city ....

1 ....

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2 ....

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(f) The character of major cities in developing and emerging countries is influenced by rapid population growth.

Study Figure 1c in the Resource Booklet.

(i) Calculate the median value for the population shown on Figure 1c.

(1)

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(ii) Calculate the percentage increase in Abidjan's population between 1988 and 2000.

Answer to one decimal place.

You must show your working in the space below.

(2)

.... %

(iii) Explain **two** possible reasons for the rapid growth in Abidjan's population.

(4)

1 ....

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2 ....

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(g) You have studied a major city in **either** a developing **or** an emerging country.

Assess the effects of rapid urbanisation on this city.

(8)

Named major city in a developing or an emerging country ....

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(Total for Question 1 = 30 marks)

TOTAL FOR SECTION A = 30 MARKS

Global Development

Answer ALL questions in this section.
Write your answers in the spaces provided.

Some questions must be answered with a cross in a box ⊠. If you change your mind about an answer, put a line through the box ⊠ and then mark your new answer with a cross ⊠.

2 Levels of development are different around the world due to a combination of physical and human factors.

(a) The Human Development Index (HDI) is a way of measuring development.

(i) Identify **two** measures used in the calculation of the HDI score.

(2)

⊠ **A** infant mortality rate

⊠ **B** life expectancy

⊠ **C** access to clean water

⊠ **D** birth rate

⊠ **E** mean years of schooling

(ii) Identify the HDI score for emerging countries.

(1)

⊠ **A** 0.299 or lower

⊠ **B** Between 0.300 and 0.549

⊠ **C** Between 0.550 and 0.799

⊠ **D** 0.800 or higher
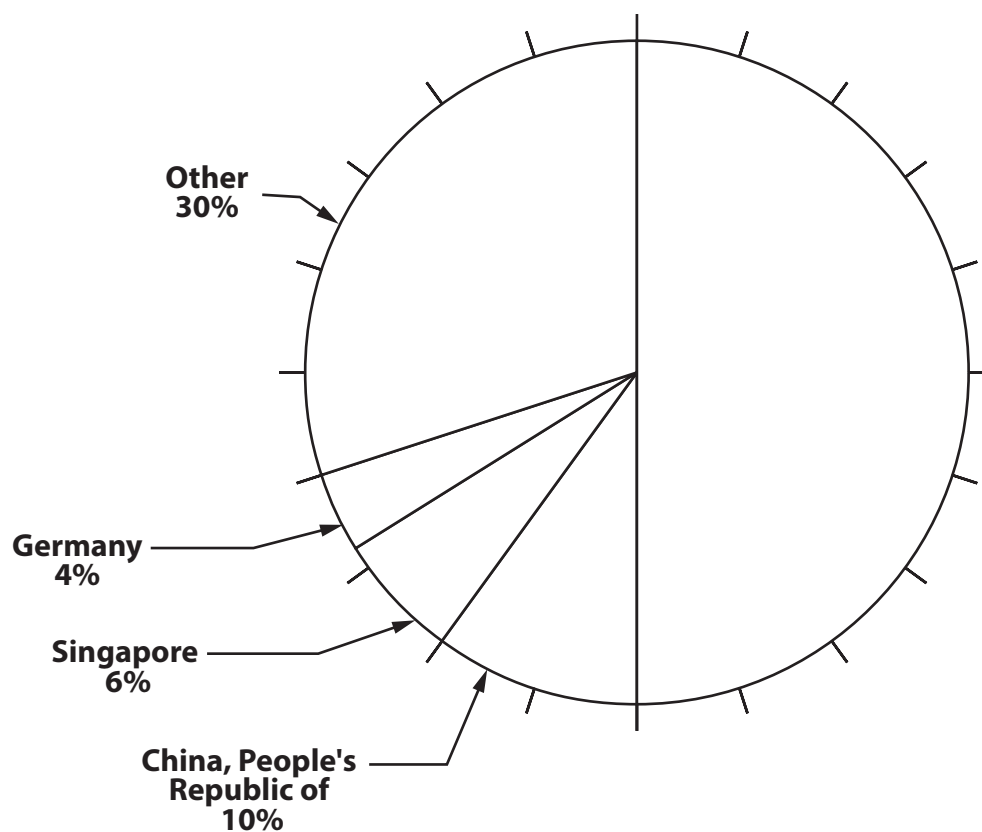
(b) Study Figure 2a below.

Figure 2a

Pie chart showing the destination of exported goods from The Philippines, 2016

(i) Complete Figure 2a by using the information in the table below.

(3)

Country	Percentage (%) of exported goods
Japan	25
USA	15
Hong Kong	10

(ii) State **one** reason why countries choose to trade with other countries.

(1)

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(c) Study Figure 2b in the Resource Booklet.

(i) Describe the distribution of countries with the highest percentage growth in Gross Domestic Product (GDP).

(3)

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(ii) Suggest **one** economic factor that has led to these areas having a high growth in GDP.

(3)

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(d) Define the term **periphery**.

(1)

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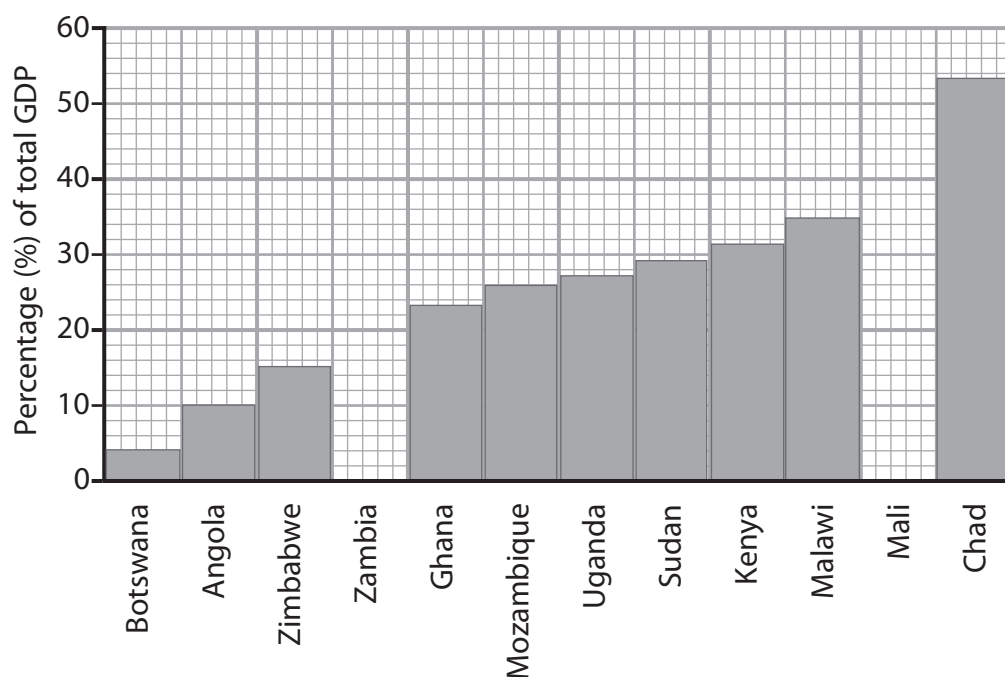(e) Study Figure 2c below.

Figure 2c

Agriculture as a share of total GDP for selected African countries, 2014

(i) Complete Figure 2c by plotting the data from the table below.

(2)

Percentage (%) of total GDP	
Zambia	**Mali**
18	40

(ii) Suggest **one** way the physical environment might influence the GDP of the countries shown in Figure 2c.

(2)

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(f) Explain **two** advantages of using community-led projects to address uneven development.

(4)

1 ....

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2 ....

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(g) Evaluate how the government has improved the quality of life in **either** a named developing **or** emerging country.

(8)

Named developing or emerging country ....

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(Total for Question 2 = 30 marks)

TOTAL FOR SECTION B = 30 MARKS

SECTION C

Resource Management

Answer ALL parts of question 3.
Write your answers in the spaces provided.

Some questions must be answered with a cross in a box ⊠. If you change your mind about an answer, put a line through the box ⧅ and then mark your new answer with a cross ⊠.

3 People exploit and can change environments in order to obtain natural resources.

(a) (i) Define the term **abiotic**.

(1)

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(ii) Identify **one** abiotic resource.

(1)

⊠ **A** animals

⊠ **B** birds

⊠ **C** plants

⊠ **D** oxygen

(b) Study Figure 3 in the Resource Booklet.

(i) Compare the trends shown in Figure 3.

(2)

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(ii) Suggest **two** negative impacts on the environment of the trend in cereal grain production.

(4)

1 ....

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2 ....

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(iii) One type of information that could be used to investigate the impact of farming on the environment is a website.

Describe **one** technique that could be used to process this information.

(2)

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(Total for Question 3 = 10 marks)

Answer EITHER Question 4 OR Question 5

Energy Resource Management

Spelling, punctuation, grammar and use of specialist terminology will be assessed in Question 4(e).

If you answer Question 4 put a cross in the box ☒ .

4 The increasing demand for energy is being met by different types of energy resources.

(a) Identify **one** renewable energy resource.

(1)

☒ **A** natural gas

☒ **B** wind

☒ **C** coal

☒ **D** uranium

(b) State **one** reason why the global demand for energy is increasing.

(1)

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....

(c) Explain **one** advantage of the development of a named non-renewable energy resource.

(3)

Named non-renewable energy resource ....

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(d) Study Figure 4 in the Resource Booklet.

(i) Identify the type of energy resource being developed in Figure 4.

(1)

☒ **A** wind power

☒ **B** hydro-electric power

☒ **C** solar power

☒ **D** geothermal power

(ii) The photograph in Figure 4 provides some information about a renewable energy site.

State **two** additional pieces of information that would help to investigate if this is a good location for the development of renewable energy.

(2)

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2 ....

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(iii) Suggest **one** disadvantage of developing this type of energy resource in the area shown in Figure 4.

(4)

In this question, up to four additional marks will be awarded for your spelling, punctuation, grammar and use of specialist terminology.

(e) Assess the views held by organisations and governments on the management of energy resources.

(8)

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(Spelling, punctuation, grammar and use of specialist terminology = 4 marks)

(Total for Question 4 = 24 marks)

Water Resource Management

Spelling, punctuation, grammar and use of specialist terminology will be assessed in Question 5(e).

If you answer Question 5 put a cross in the box ☒ .

5 The development, production and consumption of different water resources needs to be managed carefully.

(a) Identify the percentage of water on the Earth that is available as fresh water.

(1)

☒ **A** 0.2%

☒ **B** 3%

☒ **C** 25%

☒ **D** 60%

(b) Some countries suffer from a water deficit.

Define the term **water deficit**.

(1)

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(c) Explain **one** reason why there is a difference in domestic water usage between different countries.

(3)

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(d) Study Figure 5 in the Resource Booklet.

(i) Identify the type of water usage shown in Figure 5.

(1)

☒ **A** desalination

☒ **B** infiltration

☒ **C** channelisation

☒ **D** irrigation

(ii) The photograph in Figure 5 provides some information about water usage in a developed country.

State **two** additional pieces of information that would help to investigate the differences in water usage between developed, and emerging or developing countries.

(2)

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2 ....

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(iii) Suggest **one** reason why this type of water usage is common in the area shown in Figure 5.

(4)

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In this question, up to four additional marks will be awarded for your spelling, punctuation, grammar and use of specialist terminology.

(e) Assess the views held by organisations and governments on the management of water resources.

(8)

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(Spelling, punctuation, grammar and use of specialist terminology = 4 marks)

(Total for Question 5 = 24 marks)

TOTAL FOR SECTION C = 34 MARKS

TOTAL FOR PAPER = 94 MARKS

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Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Wednesday 5 June 2019

Afternoon (Time: 1 hour 30 minutes) | Paper Reference **1GA0/02**

Geography A

Paper 2: The Human Environment

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

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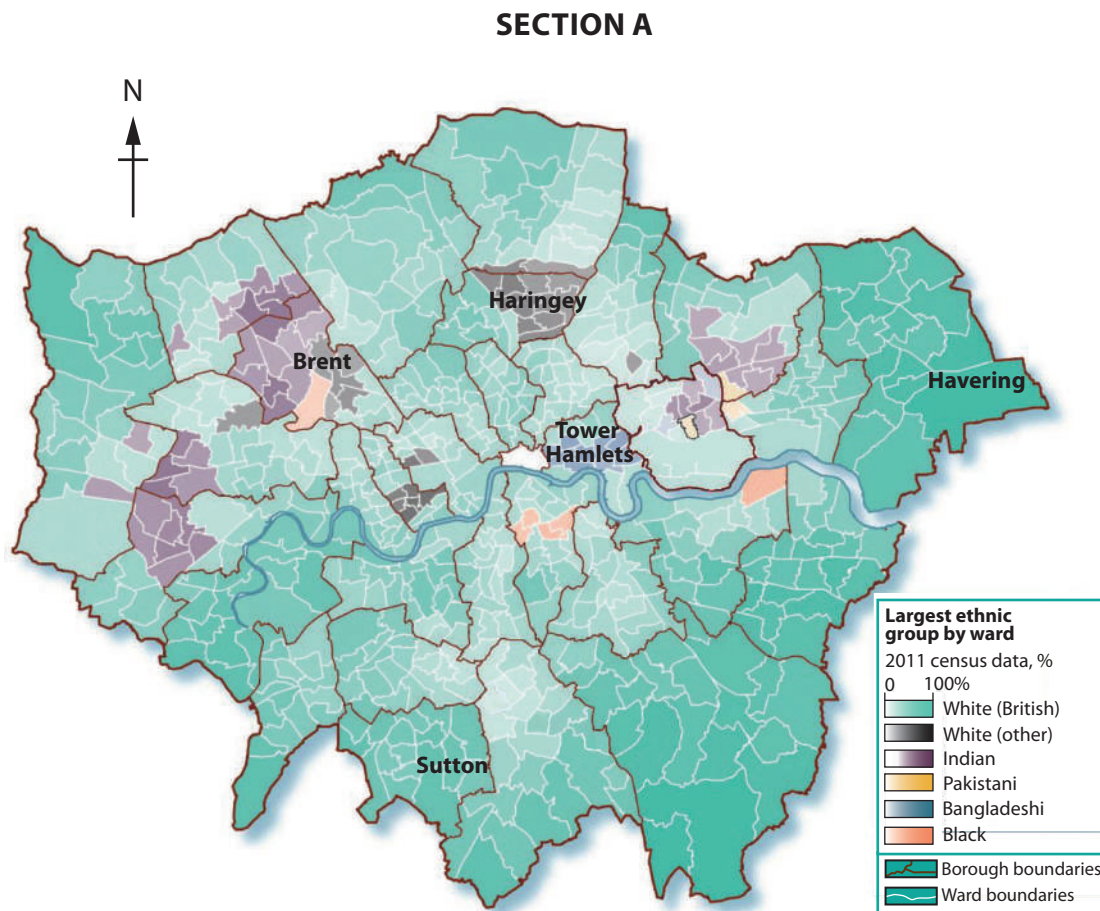
Figure 1a

Ethnic groups in different boroughs of London, a major UK city
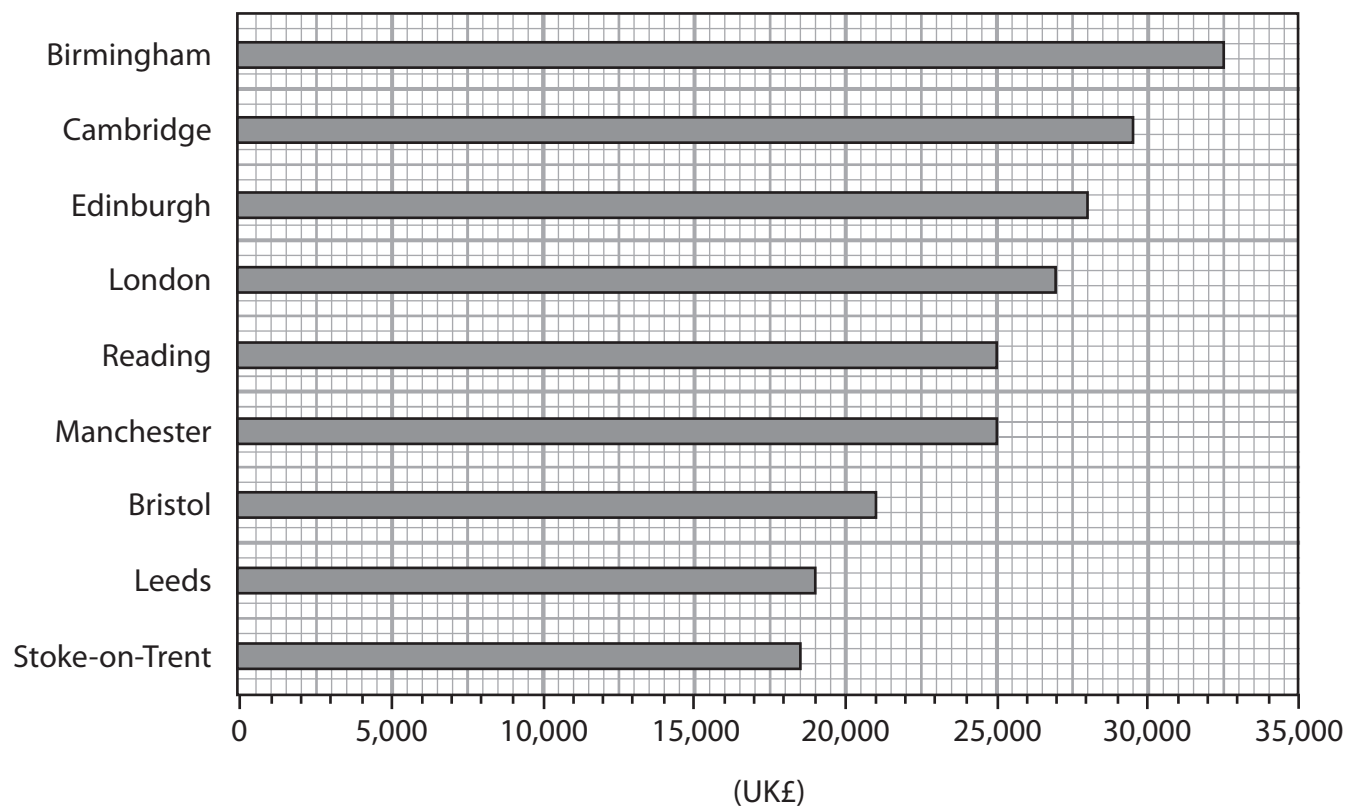
Figure 1b

Mean annual earnings (£) for selected UK cities, 2017

Year	Population
1920	1,000
1946	48,000
1965	341,000
1970	500,000
1978	1,200,000
1988	1,934,000
1998	3,125,890
2000	3,475,000
2014	4,707,400

Figure 1c

Population of Abidjan, a city in the Ivory Coast, a developing country

GDP growth (%)

- ■ -2.1 and below
- ■ -2.0 to 0
- ■ 0.1 to 2.0
- ■ 2.1 to 4.0
- ■ 4.1 to 6.0
- ■ 6.1 and above
- ■ no available data
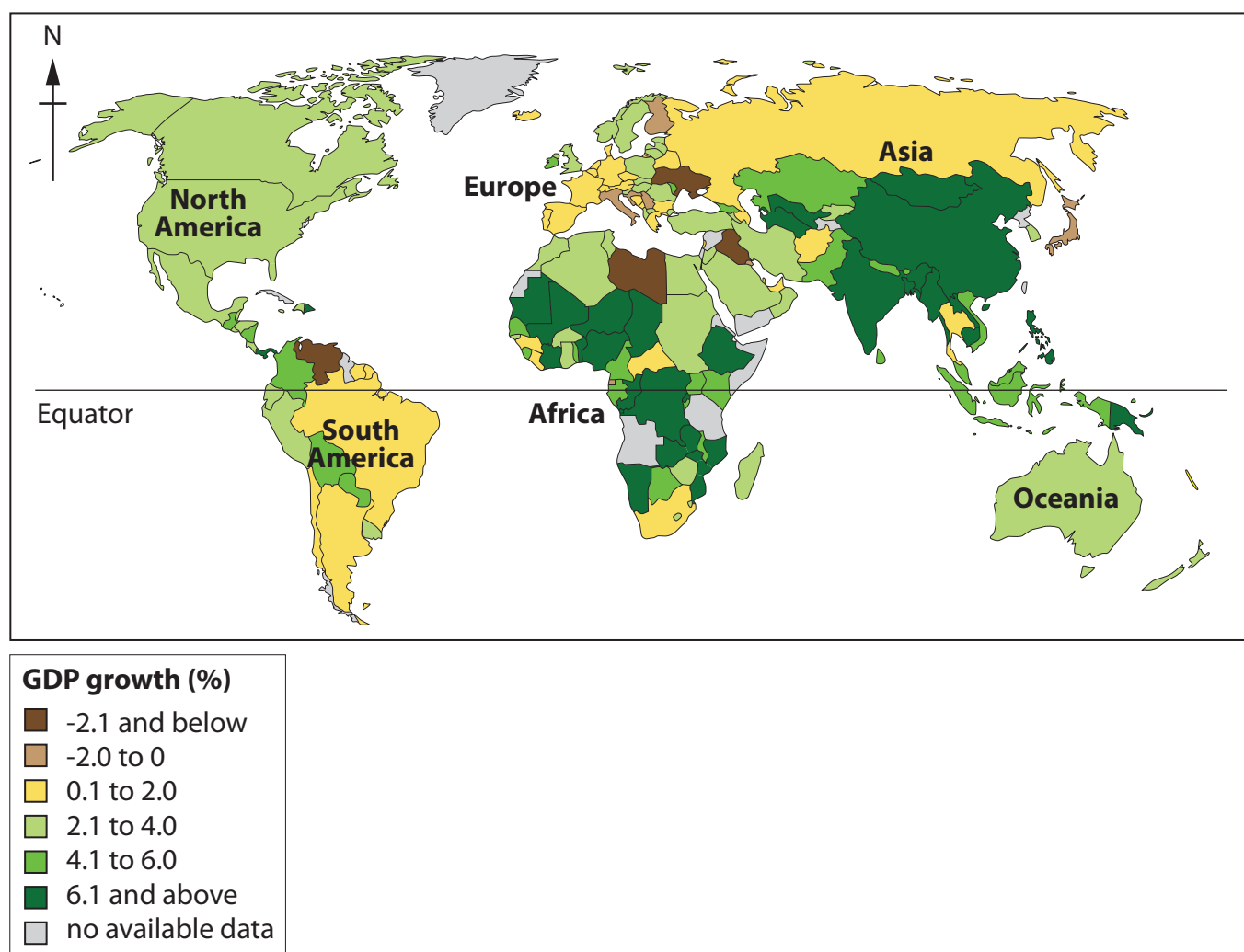
Figure 2b

Percentage (%) growth in Gross Domestic Product (GDP), 2014
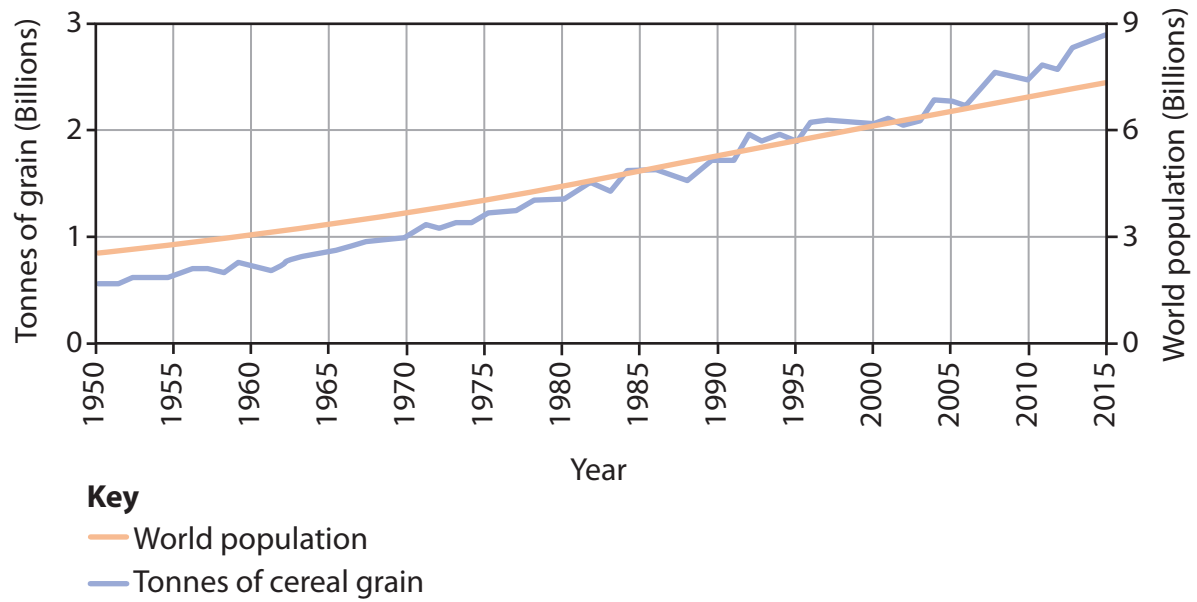
Figure 3

World production of cereal grain and world population, 1950-2015

Figure 4

Development of one renewable energy resource in the UK, a developed country

Figure 5

Water usage on a potato farm in the UK, a developed country

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