

Monday 25 June 2012 – Morning

GCSE GEOGRAPHY A

A674/01 Issues in our Fast Changing World (Foundation Tier)

Candidates answer on the Question Paper.

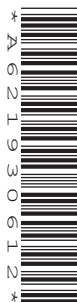
OCR supplied materials:

None

Other materials required:

- Resource Booklet (A674/01/02/RB – previously supplied)

Duration: 1 hour



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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INSTRUCTIONS TO CANDIDATES

- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the bar codes.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is **50**.
- You will be awarded marks in questions 2(d), 3(a) and 3(c) for the quality of written communication of your answer.
- This document consists of **12** pages. Any blank pages are indicated.

Answer **all** questions.

1 (a) Study Resources 1 and 2.

Select (✓) the **three** statements below which are true.

All the land in Hackney Wick will be built on

☐

Composting food can reduce waste

☐

Recycled water will only be used for drinking

☐

Smog and haze can cause problems in cities

☐

Travel by car to the Olympics is encouraged

☐

Use of renewable energy sources reduces carbon emissions

☐

[3]

(b) Study Resource 3.

List **two** possible effects of climate change on people's health in cities such as London.

1

2 [2]

(c) Study Resource 4.

(i) What was the **total** population of the UK in 1950 in millions?

..... [1]

(ii) In which year did the **urban** population of the UK reach 52 million?

..... [1]

(iii) How might increased population cause problems in cities?

.....

 [4]

(d) Study Resource 5.

What evidence is there to suggest that Newcastle is a sustainable city?

Use the following headings to explain your answer.

(i) The environment
.....
.....
.....
..... [2]

(ii) People and communities
.....
.....
.....
..... [2]

(iii) Transport
.....
.....
.....
..... [2]

[Total: 17]

2 (a) Study Resource 6.

Complete the table below to show how the 2012 Olympic Games are designed to be sustainable. An example has been provided for you.

Type of sustainability	Feature
Economic	12 000 new permanent jobs
Environmental	
For the local community	

[5]

(b) Suggest **two** environmental problems which might occur in London **during** the 2012 Olympic Games.

1

.....

2

..... [2]

(c) Study Resource 7.

Select **two** people from Resource 7 who are **not** happy about the 2012 Olympic Games. Explain why each person is **not** happy.

Person 1

.....

.....

.....

.....

Person 2

.....

.....

.....

..... [4]

(d) Study Resources 6, 7 and 8.

There are many different views about the 2012 Olympic Games. Explain why many people in the Stratford area will benefit now and in the future.

Benefits for the Stratford area now

.....

.....

.....

.....

.....

Benefits for the Stratford area in the future

.....

.....

.....

.....

..... [6]

[Total: 17]

- 3** Barton Bay High School is a large 11–18 school on the edge of a city. It is looking at ways of reducing its energy use.

(a) Study Resources 9 and 10.

State **two** difficulties the school might face in encouraging less car use for journeys to and from school, and suggest how the school could try to overcome these difficulties.

Difficulty 1

.....

Difficulty 2

.....

How the school could try and overcome these difficulties

.....

.....

.....

.....

.....

.....

..... [6]

(b) Study Resources 9 and 11.

Explain **two** ways in which a school could try to reduce its energy use, apart from cutting down on staff and student car travel.

Way 1

Explanation

.....

.....

Way 2

Explanation

.....

..... [4]

- (c)** You may use **any** of the resources to answer this question.

‘Everybody should work together to create a sustainable future.’

Why is this important? Explain your answer, giving examples.

..... [6]

[Total: 16]

[Paper Total: 50]

[illegible]

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