

**Tuesday 13 May 2014 – Afternoon****GCSE GEOGRAPHY A****A731/02 Contemporary Themes in Geography (Higher Tier)**

Candidates answer on the Question Paper.

**OCR supplied materials:**

- An Insert (A731/01/02/I – inserted)

**Other materials required:**

None

**Duration: 1 hour 45 minutes**

Candidate forename					Candidate surname				
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Centre number						Candidate number			
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**INSTRUCTIONS TO CANDIDATES**

- The Insert will be found inside this document.
- 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.

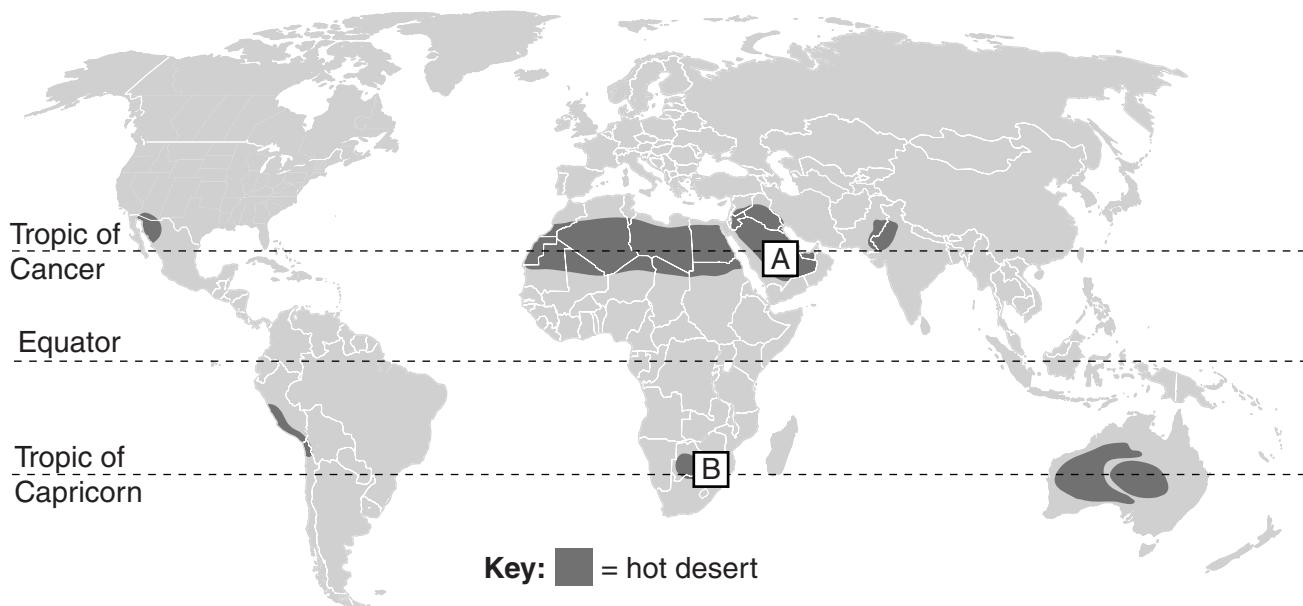
**INFORMATION FOR CANDIDATES**

- 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 **112**.
- You will be awarded marks in questions 1(d)(ii), 2(d), 3(d), 4(b), 4(c), 5(c) and 6(b)(ii) for the quality of written communication of your answer. Questions marked with a pencil (✏) will carry 3 additional marks for spelling, punctuation and grammar.
- This document consists of **20** pages. Any blank pages are indicated.

Answer **all** the questions.

### Extreme Environments

- 1 (a) Study the map below which shows hot deserts of the world.



- (i) Name the hot desert areas labelled A and B.

A .....

B .....

[2]

- (ii) Which **one** of the following statements best describes the location of hot desert areas?

Tick (✓) the correct answer.

Within 5 degrees north and south of the Equator

On and around the Tropics of Cancer and Capricorn

Mainly in the southern hemisphere

[1]

- (b) Suggest **one** reason why hot deserts are dry. Explain your answer.

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[2]

- (c) Use statistics to describe the climate of **one** area of hot desert you have studied.

Name of hot desert .....

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[3]

- (d) Study Fig. 1a in the separate Insert.

- (i) Explain the physical processes which have led to the formation of this landscape.

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[4]

- (ii) Assess the impacts that different groups of people have on hot desert environments. Refer to Figs 1b and 1c in the separate Insert and named examples that you have studied.

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[6]

✍ Spelling, punctuation and grammar [3]

- 2 (a) Study Fig. 2 in the separate Insert, a photograph taken in the Andes mountain range in South America.

Using Fig. 2 and examples you have studied, explain why the altitude and accessibility of mountain environments provide a challenge to people.

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[6]

- (b)** Explain the physical processes that lead to the formation of fold mountains. You may use a diagram to help you.

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[4]

- (c)** Study Fig. 3 in the separate Insert.

How does this portray mountain environments?  
Use evidence from the extract to explain your answer.

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[2]

- (d) Explain why mountain environments are valuable to people. You should include place specific detail in your answer.

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[6]

 Spelling, punctuation and grammar [3]

**The Global Citizen**

Study Fig. 4 in the separate Insert, which is about McDonald's, a multinational company.

- 3 (a) Define the term 'multinational company'.

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..... [1]

- (b) Describe the global distribution of McDonald's restaurants shown in Fig. 4.

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..... [2]

- (c) You will have studied one named product.

State the product you have studied .....

Describe and explain the global pattern of its production.

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- (d) With reference to your named product, assess the extent to which employment conditions vary from place to place.

State the product you have studied .....

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[6]

 Spelling, punctuation and grammar [3]

**10**

- (e) Define the term 'ethical consumerism' and explain how being an ethical consumer might affect the choice of food products you buy.

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[4]

- 4 (a) Study Figs 5a and 5b in the separate Insert.

- (i) Using data from Fig. 5a, describe how energy use in China has changed over time.

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[2]

- (ii) What message about energy use might the cartoon in Fig. 5b communicate?

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[2]

- (b)** You will have studied a named energy issue.

State the energy issue you have studied .....

To what extent has this energy issue created opportunities for people and problems for the natural environment?

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**[6]**

**12**

- (c) With reference to the same energy issue, assess how it might be managed successfully at both a local **and** national scale.

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**[6]**

 Spelling, punctuation and grammar **[3]**

### Similarities and Differences in Settlements and Population

- 5 (a) Complete the passage by placing the correct words from the box into the spaces below.

urban	increases	decreases
rural	primary	

Settlements can be put in order of importance using a range of factors that include size, population and services. Hamlets and villages are ..... settlements with a small number of services. Larger settlements such as towns and cities have bigger populations that require more services. As settlements grow in population size, the total number of each type of settlement ..... [2]

- (b) Study Fig. 6 in the separate Insert.

- (i) Define the term 'mega city'.

..... [1]

- (ii) Using Fig. 6, describe how the distribution of mega cities changed between 1980 and 2010.

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..... [2]

- (iii) Explain **two** reasons why the size of mega cities increased between 1980 and 2010.

Reason 1 .....

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Reason 2 .....

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[4]

- (c) Read the passage below about the Chinese city of Shanghai.

Shanghai is amazing and has gone through incredible change in the last twenty years. The city is a tangle of roads and highways taking traffic from a bridge that connects Shanghai's old town, with its many ancient streets, to the bright lights and skyscrapers of the modern parts of the city. Shanghai changes all the time, yet it is famous for its green parks.

Compare the land use of Shanghai (described above) to the land use of your chosen local place. You should include place specific detail about your local place.

Named local place .....

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[6]

- 6 (a) Study Fig. 7 in the separate Insert, which shows two population pyramids for China.
- (i) Identify **two** ways in which China's population structure is forecast to change between 2014 and 2050.

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..... [2]

- (ii) Explain **two** possible reasons for the changes you have identified in 6(a)(i) above.

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- (b) (i) For an issue related to population change that you have studied, describe **two** ways in which the issue has had an impact on people's quality of life. Give reasons for your answers.

Issue chosen .....

Way 1 .....

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Way 2 .....

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[4]

- (ii) With reference to the same population issue, evaluate the impact of national government policies on population change.

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**[6]**

**END OF QUESTION PAPER**

**ADDITIONAL ANSWER SPACE**

If additional answer space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margins.

A large sheet of paper featuring a vertical margin line on the left side. To the right of this line are 21 horizontal dotted lines, spaced evenly apart, intended for handwritten responses. The paper is otherwise blank.

Handwriting practice lines. A vertical solid line is on the left, and there are 22 horizontal dotted lines for handwriting practice.

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