

**Tuesday 24 May 2016 – Afternoon**

**GCSE GEOGRAPHY A**

**A731/02** Contemporary Themes in Geography (Higher Tier)



Candidates answer on the Question Paper.

**OCR supplied materials:**

- An Insert (A731/01/02/1 – 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 page(s) 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 2(c), 2(d)(ii), 3(b)(ii) and 4(d) 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 Fig. 1a and Fig. 1b in the separate Insert.

(i) Choose **one** of the extreme environments shown. Circle your choice.

**Fig. 1a**

**Fig. 1b**

State **two** different ways people might react to this extreme environment.

1 .....

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2 .....

.....

[2]

(ii) Identify **one** common characteristic of the two environments that suggests they might both be described as 'extreme'.

..... [1]

(b) Study Fig. 2 in the separate Insert.

Does this resource portray hot deserts in a positive or negative way? Justify your point of view.

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..... [2]

(c) Study Fig. 3 in the separate Insert, which shows a salt pan in the Mojave desert, USA.

Explain the formation of salt pans.

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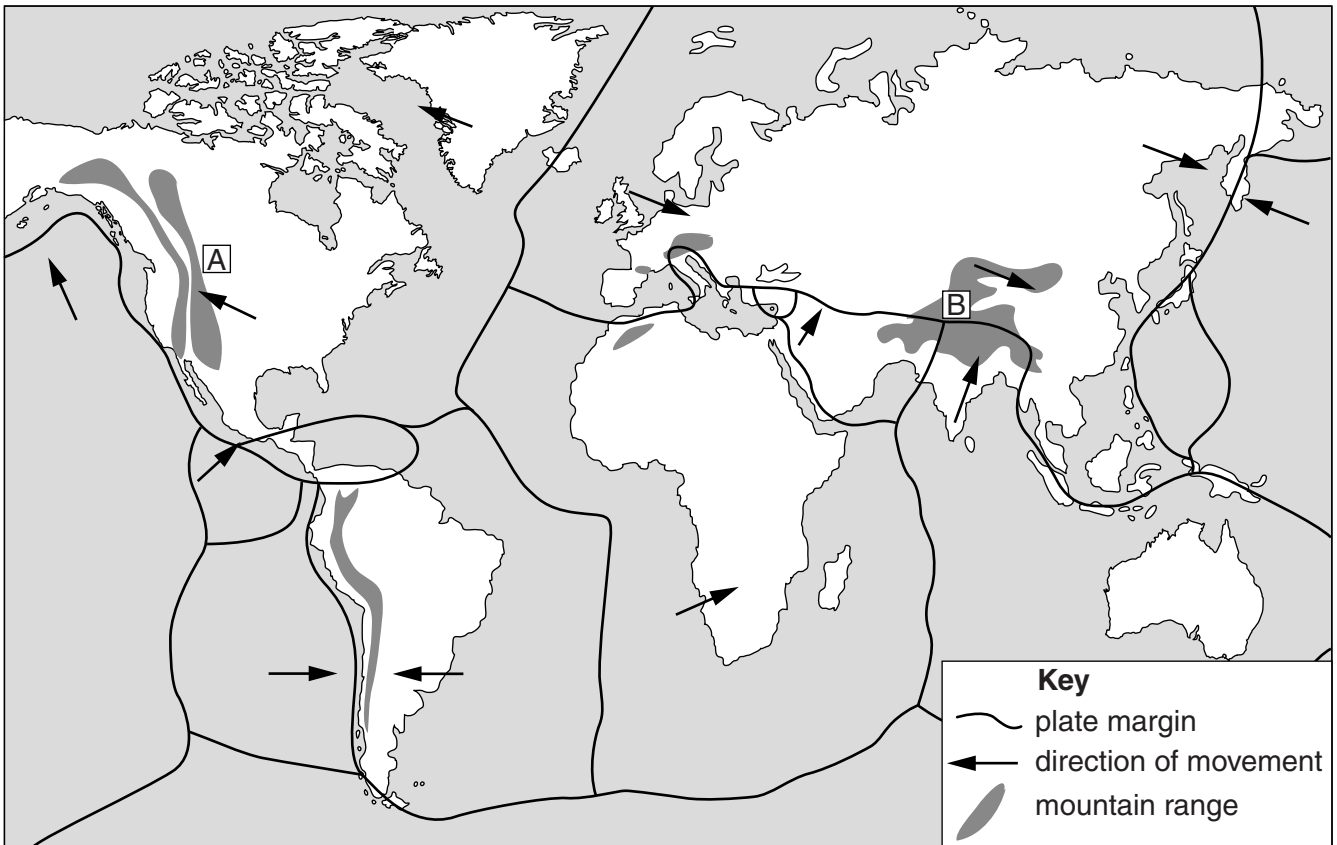
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..... [4]



2 Study the map below.



(a) Identify the mountain ranges labelled A and B.

A .....

B ..... [2]

(b) Explain why the location of fold mountains can be linked to plate movements. Refer to both the map above and your own knowledge.

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3 Study Fig. 5 in the separate Insert.

(a) (i) In which countries did the earthquakes labelled 'X' and 'Y' take place?

X .....

Y .....

[2]

(ii) Fig. 5 suggests there is no clear relationship between earthquake magnitude and number of reported deaths. State the evidence to support this argument.

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..... [2]

(iii) Using Fig. 5 and your own knowledge, suggest **two** reasons (other than magnitude) why some earthquakes may result in more deaths than others. Explain each reason.

Reason 1 .....

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Reason 2 .....

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[4]

(b) You will have studied a recent earthquake event.

Name of earthquake event studied .....

(i) Explain the causes of **this** earthquake event.

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**(ii)** Assess the extent to which your chosen location may be able to manage an earthquake in the future.

You should refer to the event you have studied and use place-specific detail in your answer.

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**[6]**

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

The Global Citizen

4 (a) Explain what is meant by the term 'globalisation'.

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..... [2]

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

(i) Identify **two** reasons why Chinese companies might choose to have clothes manufactured in other countries such as Bangladesh.

1 .....  
2 ..... [2]

(ii) For **one** of the reasons identified, explain how it can lead to higher profits for producers.

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..... [2]

(iii) Explain how trade barriers such as import taxes can affect international trade.

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(c) You will have studied a named product.

Name of product studied .....

Explain **two** factors that affect people's access to this product.

1 .....

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2 .....

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[4]

(d) You will also have studied the provision of a named service.

Name of service studied .....

Explain how the purchase of your chosen service impacts on people and the environment.

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[6]

 Spelling, punctuation and grammar [3]

5 Study Fig. 7 in the separate Insert.

(a) (i) Which country has the greatest use of solar power?

..... [1]

(ii) Which country has the least use of wind power?

..... [1]

(iii) Suggest **two** reasons why the availability of renewable resources varies between the countries shown.

1 .....

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2 .....

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..... [4]



Similarities and Differences in Settlements and Population

6 Study the table below.

Country	Birth Rate (per 1000 of population)	Death Rate (per 1000 of population)	Rate of Natural Increase
Chad	51	15	36
Ghana	33	9	24
Mozambique	44	15	
Sierra Leone		18	20
South Africa	22	11	11

(a) Complete the table above by calculating the following information:

(i) The natural increase of Mozambique. [1]

(ii) The birth rate of Sierra Leone. [1]

(b) Define the term 'natural increase'.

.....  
 ..... [1]

(c) Study Fig. 8 in the separate Insert.

Which stage of the Demographic Transition Model best applies to Chad? Give reasons for your answer.

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(d) Referring to Fig. 8, describe how Chad's population is likely to change in the future. Explain why these changes are likely to take place.

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..... [6]

**END OF QUESTION PAPER**

**ADDITIONAL ANSWER SPACE**

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

A large area of lined paper for writing answers. It features a vertical margin line on the left side and horizontal dotted lines for writing. The lines are evenly spaced and extend across the width of the page.





A large rectangular area filled with horizontal dotted lines, suitable for handwriting practice. A solid vertical line runs down the left side of this area, creating a margin. The dotted lines are evenly spaced and extend across the width of the page.

**19**  
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