

Wednesday 3 June 2015 – Afternoon

GCSE GEOGRAPHY B

B563/02 Key Geographical Themes (Higher Tier)

Candidates answer on the Question Paper.

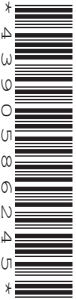
OCR supplied materials:

- OS map extract (inserted)
- Resource Booklet (B563/A772/01/02/RB – 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 OS map extract and Resource Booklet will be found inside this document. You may not use all of the resources. The questions tell you which resource(s) you need to use.
- 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 **99**.
- You will be assessed on the quality of written communication in your answer to the following questions: 1(e), 2(f) and 3(g). Questions marked with a pencil (✎) will carry **3** additional marks for spelling, punctuation and grammar.
- This document consists of **16** pages. Any blank pages are indicated.

(ii) Explain how **two** other factors can cause river flooding.

1

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[4]

(c) Give **two** methods used to manage the impact of river flooding.
Explain how **each** method works.

1

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2

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[4]


(d) Study **Fig. 3** which shows evidence of coastal erosion at Skipsea on the Holderness coast.

(i) Describe the impact of coastal erosion on communities such as Skipsea.

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..... [4]

(ii) **Fig. 3** shows a destructive coastline. Other coastlines are constructive. What is meant by 'constructive coastline'?

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..... [2]

(e)  **CASE STUDY – coastline management**

Name an area of coastline where there is a scheme to manage coastal erosion.

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Describe the methods used to manage coastal erosion and describe the conflicts that these methods may cause.
(Include at least **three** developed ideas).

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

(c) Study **Fig. 6** which shows a new shopping area. Its location is shown on the separate **OS map extract**.

Give **two** reasons to explain why the shopping area has been built at this location.

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[4]

(d) Explain how this new shopping area may affect the CBD of Oldham.

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[4]

(e) Study **Fig. 7** which shows two population pyramids for Uganda (an LEDC) and UK (an MEDC).

(i) Describe the difference in the birth rate and life expectancy between the two countries.

Birth rate

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Life expectancy

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[2]

(ii) The dependent population of a country consists of the people who are not of working age and do not contribute to the economy of the country. Explain how the dependent population will be supported in different ways in the two countries.

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..... **[4]**

SECTION C – Natural Hazards

3 Use **Figs 8b** and **9** in the Resource Booklet.

(a) Study **Fig. 8b**, a map showing the location of the ten deadliest volcanoes of the twentieth century and main tectonic plates.

Describe **three** features of the distribution of the volcanoes shown on **Fig. 8b**.

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2

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3

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[3]

(b) Some volcanoes erupt infrequently.

Give **two** reasons why such volcanoes may be dangerous.

1

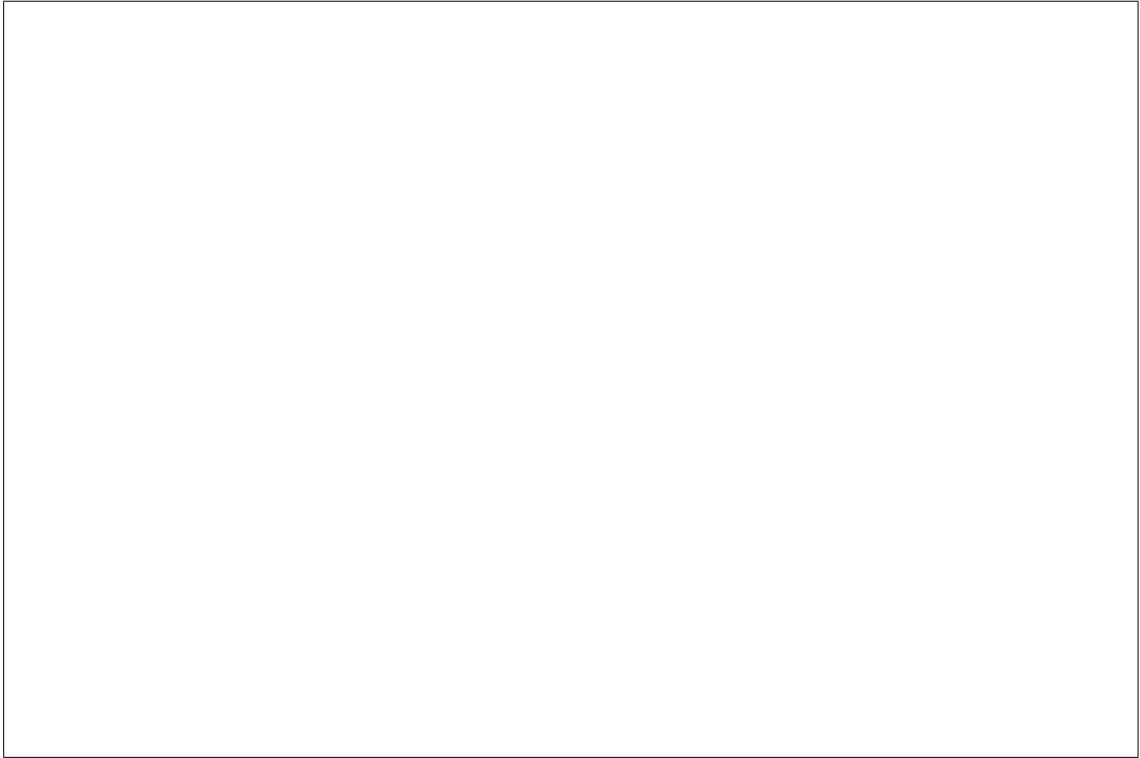
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2

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[2]

- (c) Draw an annotated diagram to show how the movement of tectonic plates at a **destructive (convergent)** plate boundary can cause a volcanic eruption. (Annotated means add written notes to the diagram).



[4]

- (d) Describe and explain **two** methods used to predict volcanic eruptions.

1

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2

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[4]

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.

This section of the page is a large, empty area of lined paper. It consists of approximately 25 horizontal dotted lines spaced evenly down the page. A solid vertical line runs down the left side of this area, creating a margin. The rest of the area is open for writing.

A large area of the page is reserved for writing, featuring a vertical solid line on the left side and horizontal dotted lines extending across the page.



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