OXFORD CAMBRIDGE AND RSA EXAMINATIONS
GCSE

B563/01

GEOGRAPHY B

Key Geographical Themes

(Foundation Tier)

WEDNESDAY 3 JUNE 2015: Afternoon
DURATION: 1 hour 45 minutes
plus your additional time allowance

MODIFIED ENLARGED

Candidate forename		Candidate surname	

Centre number						Candidate number				

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

READ INSTRUCTIONS OVERLEAF

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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 on the first page. 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.

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(g), 2(g) and 3(h). Questions marked with a pencil (✎) will carry 3 additional marks for spelling, punctuation and grammar.

Any blank pages are indicated.

Answer ALL the questions.

SECTION A – Rivers and Coasts

1 Use Figs 1, 2 and 3 in the Resource Booklet.

(a) Study Fig. 1 which shows hydrographs for a river valley location in 1980 and 2010 after similar rainstorms.

Use Fig. 1 to complete the information table shown below.

Hydrograph	1980	2010
Base Flow		20 cumecs
Peak Discharge	40 cumecs	
Time of Peak Discharge	14 hours	

[3]

(b) Study Fig. 2 which shows the landscapes for the river valley location in 1980 and 2010.

Use evidence from Fig. 2 to suggest why river flooding would be more likely in 2010.

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_____ **[4]**

(c) Explain TWO other causes of river flooding.

Cause 1: _____

_____

_____

_____

Cause 2: _____

_____

_____

_____

[4]

(d) State TWO methods used to reduce the risk of river flooding on people and property. Explain how EACH method works.

Method 1: _____

_____

_____

_____

Method 2: _____

_____

_____

_____

[4]

(e) Study Fig. 3 photographs showing evidence of coastal erosion at Skipsea, on the Holderness coast.

Places such as Skipsea have rapid rates of coastal erosion.
Describe the problems this causes for people who live in places like Skipsea.

_____

_____

_____

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_____ **[4]**

(f) Complete the table below by matching the correct words from the list below to the descriptions of different types of coastal erosion.

One has been done for you.

abrasion (corrasion)

attrition

hydraulic action

corrosion (solution)	**chemicals in sea water dissolve the rock**
	air and water forced into cracks in the rock
	pebbles smash against each other
	waves smash pebbles against the rock

[2]

(g) CASE STUDY – an example of a coastal erosion management scheme

Name a place which has a coastal erosion management scheme.

_____

Describe, with detail, the coastal erosion management methods for your chosen place.

_____

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Explain, with detail, how sustainable these methods are.

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[9]

+

Spelling, punctuation and grammar [3]

SECTION B – Population and Settlement

2 Use Figs 4, 5, 6 and 7 in the Resource Booklet and the separate OS MAP EXTRACT.

(a) Study the OS MAP EXTRACT and Figs 4 and 5.

(i) State ONE way the type of housing in Fig. 4 is different from the housing in Fig. 5.

_____ **[1]**

(ii) What is the correct four-figure grid reference for the location of the housing shown in Fig. 4? Circle the correct answer.

9606

9008

9204 **[1]**

(iii) The housing shown in Fig. 5 is located in grid square 9507.
Give the correct number of the A road that goes through this housing area.

A _____ **[1]**

(b) Some housing areas, like the one shown in Fig. 4, are knocked down and cleared.

Suggest reasons for why this happens.

_____

_____

_____

_____

_____

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_____

_____ **[4]**

(c) Study Fig. 6 which shows a new shopping area. The location of the new shopping area is shown on the separate OS MAP EXTRACT.

Give TWO reasons to explain why the new shopping area was built at this location.

Reason 1: _____

_____

_____

_____

Reason 2: _____

_____

_____

_____

[4]

(d) Describe how the new shopping area may have affected existing shops and services in the central business district (CBD) of Oldham.

_____

_____

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_____ **[4]**

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

(i) Circle the correct word to complete the sentence which follows:

Uganda has a …

higher

similar

lower

…birth rate compared to the UK. [1]

(ii) Circle the correct word to complete the sentence which follows:

Uganda has a …

higher

similar

lower

…life expectancy compared to the UK. [1]

(f) Suggest reasons why Uganda's life expectancy is different from the UK's.

_____

_____

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_____ **[4]**

(g) CASE STUDY – population growth management in a named country

Name ONE country where population growth has been managed.

_____

Describe, with detail, the strategies used to manage population growth in your chosen country.

_____

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Explain how successful the population management strategies have been.

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[9]

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Spelling, punctuation and grammar [3]

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SECTION C – Natural Hazards

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

(a) Study Fig. 8a which shows information about the ten deadliest volcanoes of the twentieth century.

(i) How many deaths were caused by the Mount Pelée volcano?

_____ **[1]**

(ii) Which country had the highest number of deadliest volcanoes?

_____ **[1]**

(b) Study the map Fig. 8b.

Name the plate which is moving towards the South American plate.

_____ **[1]**

(c) **Draw an ANNOTATED diagram to show how one type of tectonic plate movement can cause a volcanic eruption. (Annotated means to add written notes to your diagram.)**

[4]

(d) State TWO features of a volcanic eruption that may kill people.

Feature 1: _____

_____

Feature 2: _____

_____

[2]

(e) Describe, with detail, TWO methods used to predict volcanic eruptions.

Method 1: _____

_____

_____

_____

Method 2: _____

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[4]

(f) Explain the benefits for people who live in areas of volcanic activity.

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_____ **[4]**

(g) Study Fig. 9, a satellite image of a tropical storm over Japan.

Suggest the likely impacts of the tropical storm as it passes over Japan.

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_____ **[4]**

(h) CASE STUDY – An example of a climatic hazard event in an LEDC (such as a severe drought or a tropical storm)

Name an LEDC place which experienced a climatic hazard event.

_____

Describe, with detail, the methods that were used to reduce the impact of the climatic hazard.

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Explain, with detail, how successful these methods were.

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[9]
+
Spelling, punctuation and grammar [3]

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.

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