

<b>Candidate forename</b>		<b>Candidate surname</b>	
-------------------------------	--	------------------------------	--

<b>Centre number</b>						<b>Candidate number</b>				
--------------------------	--	--	--	--	--	-----------------------------	--	--	--	--

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
GENERAL CERTIFICATE OF SECONDARY EDUCATION**

**B563/01**

**GEOGRAPHY B**

**Key Geographical Themes (Foundation Tier)**

**FRIDAY 17 JUNE 2011: Morning**

**DURATION: 1 hour 30 minutes**

**SUITABLE FOR VISUALLY IMPAIRED CANDIDATES**

**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**

## **INSTRUCTIONS TO CANDIDATES**

- 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. Pencil may be used for graphs and diagrams only.
- 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.
- Answer **THREE** questions. Answer **ONE** question from Section A (**EITHER** Question 1 **OR** Question 2), answer **ONE** question from Section B (**EITHER** Question 3 **OR** Question 4) and answer **ONE** question from Section C (**EITHER** Question 5 **OR** Question 6).

## **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 **75**.
- You will be awarded marks in Questions 1(f), 2(f), 3(f), 4(f), 5(f) and 6(f) for the quality of written communication of your answer.

## SECTION A

You must answer EITHER Question 1 OR Question 2.

### RIVERS AND COASTS

#### EITHER

1 Use FIG. 1 in the Resource Booklet and the OS map extract.

(a) Study FIG. 1, a photograph of the River Esk at Whitby, and the OS map extract.

(i) State the number of the A road which crosses the River Esk in FIG. 1.

A \_\_\_\_\_ [1]

(ii) Give the 4 figure reference of the grid square where the A road crosses the river.

**CIRCLE** the correct answer.

8908

8910

8912

[1]

(iii) In which direction was the camera pointing when the photograph, Fig. 1, was taken?

**CIRCLE** the correct answer.

SOUTH EAST

SOUTH WEST

NORTH EAST

[1]









**(f) CASE STUDY: AN EXAMPLE OF A PLACE WHERE RIVER FLOODING IS MANAGED**

- **Name your chosen place.**

---

- **Describe, with detail, the effects of flooding at your chosen place.**

---

---

---

---

---

---

---

---



**OR**

**2 Use the OS map extract and FIG. 2 in the Resource Booklet.**

**(a) Study the OS map extract and the map key.**

**Complete the table by writing the correct coastal feature for each grid square, from the selection below.**

**FLAT ROCK**

**MUD**

**SAND**

**SHINGLE**

<b>GRID SQUARE</b>	<b>COASTAL FEATURE</b>
<b>8514</b>	
<b>8811</b>	
<b>8612</b>	

**[3]**

**(b) Study FIG. 2, a photograph of Saltwick Bay.**

**Identify TWO coastal landforms shown in FIG. 2.**

**Landform 1** \_\_\_\_\_

**Landform 2** \_\_\_\_\_ **[2]**

**(c) Describe TWO processes of erosion which will affect the landforms at Saltwick Bay.**

**Process 1** \_\_\_\_\_

---

---

---

**Process 2** \_\_\_\_\_

---

---

---

**[4]**



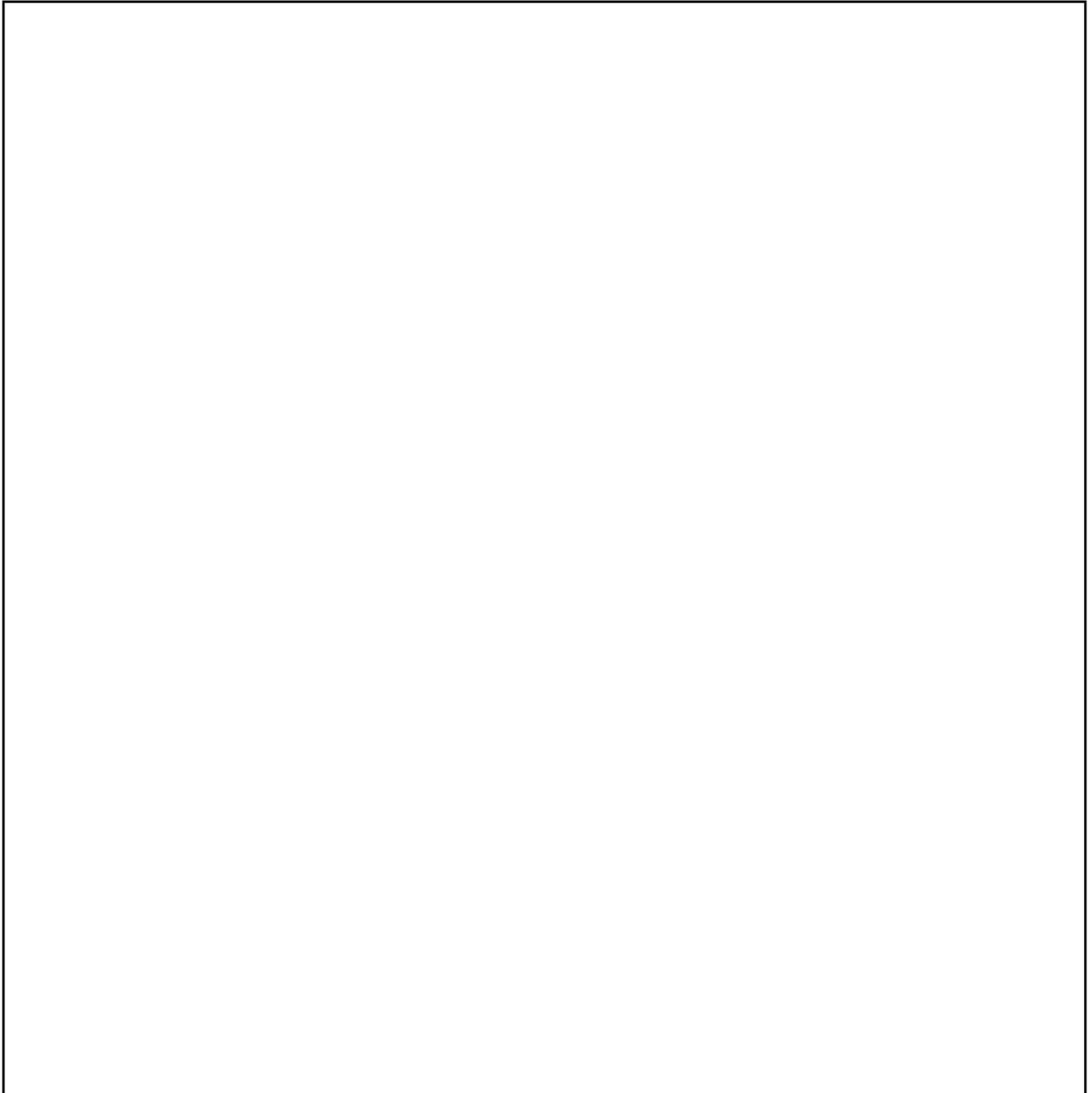
---

---

---

---

[4]



**(f) CASE STUDY: AN EXAMPLE OF A PLACE WHERE COASTAL EROSION IS MANAGED**

- **Name your chosen place.**

---

- **Describe, with detail, the effects of coastal erosion on your chosen place.**

---

---

---

---

---

---

---

---

---

---



## **SECTION B**

**You must answer EITHER Question 3 OR Question 4.**

### **POPULATION AND SETTLEMENT**

#### **EITHER**

**3 Use FIGS 3a and 3b in the Resource Booklet.**

**(a) Study FIGS 3a and 3b, population pyramids for Sweden and Lesotho.**

**(i) Which country had the higher percentage of people over 80 years old?**

\_\_\_\_\_ [1]

**(ii) Which country had the higher percentage of children under 15 years old?**

\_\_\_\_\_ [1]

**(iii) What was the percentage of males aged 15 to 19 in Lesotho?**

\_\_\_\_\_ [1]

**(b) State TWO features of Lesotho's population pyramid which show that it is an LEDC.**

**Feature 1** \_\_\_\_\_

**Feature 2** \_\_\_\_\_ [2]

**(c) Suggest and explain TWO changes which could happen to Lesotho's population pyramid over the next twenty years.**

**Change 1** \_\_\_\_\_

---

---

---

---

---

**Change 2** \_\_\_\_\_

---

---

---

---

---

**[4]**





**(f) CASE STUDY: AN EXAMPLE OF A COUNTRY WITH A STRATEGY ABOUT NATURAL POPULATION CHANGE**

- **Name your chosen country.**

---

- **Describe, with detail, the strategy used to influence natural population change in your chosen country.**

---

---

---

---

---

---

---

---

---

---



**OR**

**4 Use FIGS 4 and 5 in the Resource Booklet.**

**(a) Study FIG. 4, a graph showing population change in some of the world's largest cities.**

**(i) Name the city with the largest population in 1990.**

\_\_\_\_\_ [1]

**(ii) State the estimated population for the city of Karachi in 2015.**

\_\_\_\_\_ [1]

**(iii) Name the city with the largest estimated population increase between 2005 and 2015.**

\_\_\_\_\_ [1]





**(e) In MEDCs, many people migrate from large cities to live in rural areas.**

**Give TWO reasons to explain why.**

**Reason 1** \_\_\_\_\_

---

---

---

---

---

**Reason 2** \_\_\_\_\_

---

---

---

---

---

**[4]**

**(f) CASE STUDY: AN EXAMPLE OF A RECENT CHANGE IN AN URBAN AREA**

- **Name your chosen urban area.**

---

- **Describe, with detail, the recent change in your chosen urban area.**

---

---

---

---

---

---

---

---

---

---



## **SECTION C**

**You must answer EITHER Question 5 OR Question 6.**

### **NATURAL HAZARDS**

#### **EITHER**

**5 Use FIGS 6, 7a and 7b in the Resource Booklet.**

**(a) Study FIG. 6, a world map showing risk of death by drought.**

**Explain what is meant by the term ‘drought’.**

---

---

---

---

[2]

**(b) Look again at FIG. 6.**

**(i) What is the level of risk of death by drought in the continent of North America?**

---

[1]

**(ii) Which continent has the highest level of risk of death by drought?**

---

[1]

(iii) Tick ONE box  below, to complete correctly the sentence which follows.

Nearly all the areas with highest risk of death by drought are located...

between the Tropic of Cancer and THE EQUATOR.

between the Tropic of Cancer and THE TROPIC OF CAPRICORN.

[1]

(c) Explain why the risk of death by drought is high in some LEDCs.

---

---

---

---

---

---

---

---

---

---

[4]

**(d) Describe, with detail, TWO methods which can reduce the effects of drought in MEDCs.**

**Method 1** \_\_\_\_\_

---

---

---

---

---

**Method 2** \_\_\_\_\_

---

---

---

---

**[4]**



**(f) CASE STUDY: AN EXAMPLE OF AN LEDC PLACE WHICH HAS EXPERIENCED A CLIMATIC HAZARD (SUCH AS A DROUGHT OR A TROPICAL STORM)**

- **Name your chosen LEDC place.**

---

- **State the type of climatic hazard.**

---

- **Describe, with detail, the effects of the climatic hazard on the local people in your chosen LEDC place.**

---

---

---

---

---

---

---

---



**BLANK PAGE**

**OR**

**6 Use FIGS 8 and 9 in the Resource Booklet.**

**(a) Study FIG. 8, a map of active volcanoes in Japan.**

**(i) How many volcano observation centres are shown on FIG. 8?**

\_\_\_\_\_ [1]

**(ii) Name the Japanese island with the greatest number of active volcanoes.**

\_\_\_\_\_ [1]

**(iii) Tick ONE box  below, to complete correctly the sentence which follows.**

**The Eurasian plate is moving...**

**AWAY FROM** the Philippine and Pacific plates.

**TOWARDS** the Philippine and Pacific plates.

[1]

**(b) State TWO pieces of information that could be used to predict a volcanic eruption.**

**1** \_\_\_\_\_

**2** \_\_\_\_\_ [2]





**(d) Study FIG. 9, a poster showing Japanese tips for dealing with volcanic disasters.**

**Explain how each tip could help keep people safe.**

**Tip 1** \_\_\_\_\_

\_\_\_\_\_

**Tip 2** \_\_\_\_\_

\_\_\_\_\_

**Tip 3** \_\_\_\_\_

\_\_\_\_\_

**Tip 4** \_\_\_\_\_

\_\_\_\_\_ **[4]**



**(f) CASE STUDY: AN EXAMPLE OF AN LEDC PLACE WHICH HAS EXPERIENCED A TECTONIC HAZARD EVENT (SUCH AS AN EARTHQUAKE OR A VOLCANIC ERUPTION)**

- **Name your chosen LEDC place.**

---

- **State the type of tectonic hazard.**

---

- **Describe, with detail, the effects of the tectonic hazard on your chosen LEDC place.**

---

---

---

---

---

---

---

---







