

<b>Candidate forename</b>		<b>Candidate surname</b>	
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<b>Centre number</b>						<b>Candidate number</b>				
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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
GENERAL CERTIFICATE OF SECONDARY EDUCATION**

**A772/02**

**GEOGRAPHY B (Short Course)**

**Key Geographical Themes (Higher Tier)**

**FRIDAY 17 JUNE 2011: Morning**

**DURATION: 1 hour**

**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 TWO 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).

## **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 50.
- You will be awarded marks in Questions 1(f), 2(e), 3(e) and 4(d) for the quality of written communication of your answer.

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## 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 6 figure grid reference for this crossing point.

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

(iii) Use the scale to calculate the length of the River Esk in the area shown on FIG. 1.

**CIRCLE** the correct answer.

2.25 km      2.75 km      3.25 km      3.75 km      [1]

**(b) Describe the River Esk and its valley shown in FIG. 1.**

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[4]

**(c) Suggest TWO ways in which the upper course of the River Esk will be different from that shown on the OS map extract.**

1

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2

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[2]

**(d) There is a river meander at 838064. Explain how this river landform has been formed.**

**You may draw a labelled diagram(s) opposite as part of your answer.**

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**[4]**



**(e) A main geomorphic process of a river is transport. Name and describe TWO ways that a river transports its load.**

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

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

**(f) CASE STUDY: RIVER FLOODING**

**Name a river where flooding is managed:**

\_\_\_\_\_

**Describe how the flooding is managed and explain how sustainable these methods are. Include at least THREE developed ideas.**

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[8]

**[Total marks: 25]**

**END OF QUESTION 1**

**OR**

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

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

**(i) Use the map key to identify the type of beach deposit in grid square 8612.**

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

**(ii) What is the highest point in grid square 9209?**

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

**(iii) Use map evidence to compare the slope of the land in grid squares 9209 and 9210.**

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

**(b) Study FIG. 2, which shows Saltwick Bay, in grid square 9110.**

**(i) Give TWO pieces of evidence from FIG. 2 which show that erosion has taken place there.**

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

\_\_\_\_\_

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

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

**(ii) Name and describe TWO processes of erosion which affect this area of coastline.**

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

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

**(c) Explain TWO ways that geology affects the formation of coastal landforms.**

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

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

**(d) There is a beach at Whitby Sands in and around grid square 8811 on the OS map extract.**

**Suggest how the beach has been formed.**

**You may draw a labelled diagram(s) opposite as part of your answer.**

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**[4]**



**(e) CASE STUDY: COASTLINE MANAGEMENT**

**Name an area of coastline where management has taken place.**

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**Describe how the coastline has been managed and explain how sustainable these methods are. Include at least THREE developed ideas.**

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[8]

**[Total marks: 25]**

**END OF QUESTION 2**

## SECTION B

You must answer EITHER Question 3 OR Question 4.

### ECONOMIC DEVELOPMENT

#### EITHER

3 Use FIG. 10 in the Resource Booklet.

(a) Study FIG. 10, which shows variation in the Human Development Index (HDI) across the world.

(i) Complete the table below to rank the five countries shown on FIG. 10.

RANK	COUNTRY
<b>Highest</b> ↓ <b>Lowest</b>	

[1]



**(ii) Describe the distribution of countries with a medium HDI of between 0.500 and 0.799.**

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[2]

**(b) (i) Two measurements which are included in HDI are:**

- **life expectancy**
- **the percentage of children who have access to primary and secondary education.**

**Explain how each can be used to show quality of life. Develop your ideas.**

**Life expectancy:** \_\_\_\_\_

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**Access to education:** \_\_\_\_\_

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[4]

**(ii) HDI measures quality of life and Gross Domestic Product (GDP) measures wealth.**

**How is the wealth of a country different from the quality of life in a country?**

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**[2]**

**(c) Describe and explain TWO ways employment structures vary between LEDCs and MEDCs.**

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

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

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**[4]**

**(d) Aid can be a major help to a country's development, but there can also be disadvantages of aid.**

**Explain TWO disadvantages of aid for an LEDC.**

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

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

**[4]**

**(e) CASE STUDY: AN AID PROJECT IN AN LEDC**

**Name and locate an aid project.**

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**Describe the main features of the project. To what extent is the project sustainable?**

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**[Total marks: 25]**

**END OF QUESTION 3**

**OR**

**4 Use FIGS 11 and 12 in the Resource Booklet.**

**(a) (i) Study FIG. 11, a photograph taken inside a car assembly factory.**

**Give TWO pieces of evidence to show that this is a modern manufacturing industry.**

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

\_\_\_\_\_

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

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

**(ii) Study FIG. 12, a photograph which shows the Nissan car assembly factory near Sunderland, UK.**

**Use FIG. 12 to describe THREE features of the site of the factory.**

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

\_\_\_\_\_

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

\_\_\_\_\_

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

\_\_\_\_\_ **[3]**

**(b) (i) Most car production in the UK is done by multinational companies (MNCs) which have factories in many countries.**

**Suggest why these multinational companies (MNCs) invest in the UK.**

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**[4]**

- (ii) Describe ONE positive and ONE negative effect of decisions made by multinational companies on the local economy of an area. Develop your ideas.

**Positive effect:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Negative effect:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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



**(c) Economic and environmental factors affect the location of tertiary industry.**

**Give an example of a tertiary industry. Explain how these factors affect its location.**

**Type of tertiary industry:** \_\_\_\_\_

**Economic:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Environmental:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**[4]**

**(d) CASE STUDY: ECONOMIC DEVELOPMENT AND THE ENVIRONMENT**

**Name and locate an economic activity.**

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**Describe how this economic activity has affected the natural physical environment. How has conflict between economic development and the environment been managed?**

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**[Total marks: 25]**

**END OF QUESTION 4**











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