

**GENERAL CERTIFICATE OF SECONDARY EDUCATION**

**GEOGRAPHY B (Short Course)**

**A772/02**

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

**Friday 17 June 2011  
Morning**

**Duration: 1 hour**



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 in the centre of this document.
- Write your name, centre number and candidate number in the boxes above. 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).
- 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 **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.
- This document consists of **20** pages. Any blank pages are indicated.

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



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

1 .....

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2 .....

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..... [4]



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

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

1 .....

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2 .....

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..... [4]

Question 2 continues on page 8





**(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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[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
Highest	
↓	
Lowest	

[1]

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

.....

.....

.....

..... [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: .....

.....

.....

.....

Access to education: .....

.....

.....

..... [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 .....

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2 .....

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..... [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 .....

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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: .....

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..... [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: .....

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..... [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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