

GENERAL CERTIFICATE OF SECONDARY EDUCATION

GEOGRAPHY B (Short Course)

Key Geographical Themes (Foundation Tier)

A772/01

Candidates answer on the Question Paper

OCR Supplied Materials:

- Resource Booklet
(A772/01/02/RB – inserted)

Other Materials Required:

None

Monday 14 June 2010

Morning

Duration: 1 hour



Candidate Forename		Candidate Surname	
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Centre Number						Candidate Number				
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INSTRUCTIONS TO CANDIDATES

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- 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.
- 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 **50**.
- You will be awarded marks in Questions 1(f), 2(f), 3(f) and 4(f) for the quality of written communication of your answer.
- This document consists of **16** 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** and **Fig. 3** in the Resource Booklet.

(a) Study **Fig. 1** a storm hydrograph.

(i) At what time was peak rainfall?

..... [1]

(ii) At what time was peak river discharge?

..... [1]

(iii) What was the lag time between peak rainfall and peak river discharge?

.....hours [1]

(b) Suggest **two** reasons to explain why peak river discharge happened some time after peak rainfall.

Reason 1

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.....

.....

Reason 2

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.....

..... [4]

Study **Fig. 3**, a photograph of the town of Tewkesbury during the flood of 2007.

(c) Tewkesbury is located on the floodplain of the River Severn.
What is a floodplain?

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.....

.....

..... [2]

- (d) Suggest how people's lives would be affected by flooding.

.....

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..... [4]

- (e) State **two** methods which can protect people and property from flooding.
Explain how each method works.

Method 1

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Method 2

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.....

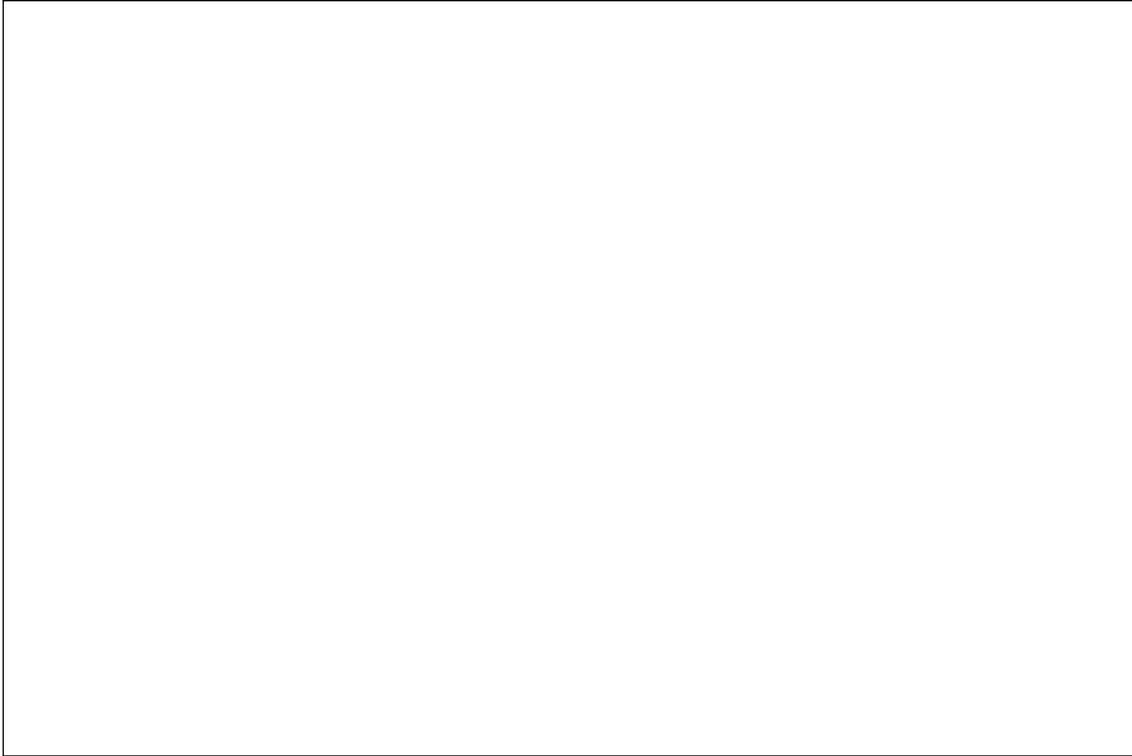
..... [4]

(f) **CASE STUDY: An example of a river landform**
You need a relevant example.

- Name **one** example of a river landform.

.....

- Draw a detailed, labelled sketch diagram to show what the landform looks like.



- Explain in detail how some processes (such as weathering, erosion, transport and deposition) have created the landform.

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..... [8]

[Total marks: 25]

END OF QUESTION 1

OR

2 Use **Fig. 4** and **Fig. 5** in the Resource Booklet.

(a) Study **Fig. 4**, a map showing coastal erosion on the Holderness coast of England.

(i) How many settlements have been lost to coastal erosion?

..... [1]

(ii) What is the approximate length of the coastline being eroded?

Circle the correct answer.

10 km

70 km

150 km

[1]

(iii) Which of these settlements is most at risk of future erosion?

Circle the correct answer.

Aldbrough

Hedon

Withernsea

[1]

Study **Fig. 5**, a photograph of coastal erosion at Knipe Point in England.

(b) Briefly describe the evidence of coastal erosion shown in **Fig. 5**.

.....

 [2]

(c) Describe how people's lives would be affected by coastal erosion.

.....

 [4]

- (d) Describe **two** natural processes which could cause the erosion shown in **Fig. 5**.

Process 1

.....

.....

.....

Process 2

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..... [4]

- (e) State **two** methods which can be used to protect the coast from erosion.

Explain how each method works.

Method 1

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Method 2

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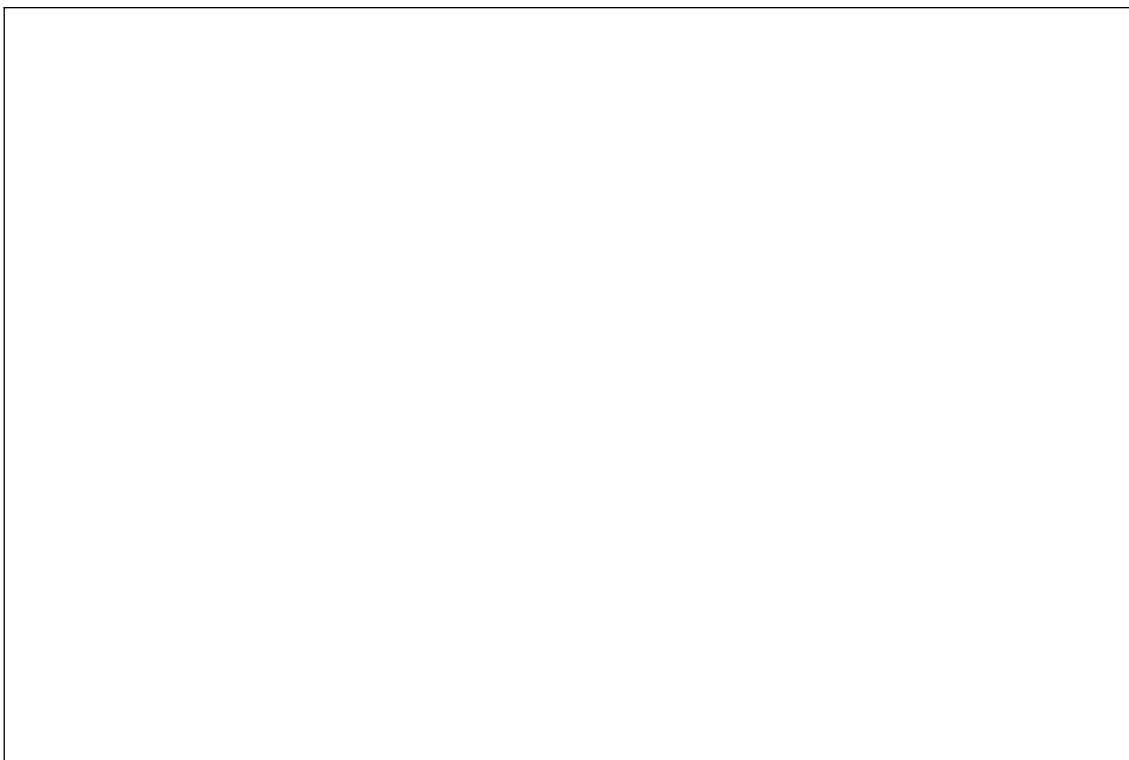
..... [4]

(f) CASE STUDY: An example of a coastal landform
You need a relevant example.

- Name **one** example of a coastal landform.

.....

- Draw a detailed, labelled sketch diagram to show what the landform looks like.



- Explain in detail how some processes (such as weathering, erosion, transport and deposition) have created the landform.

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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. 6** in the Resource Booklet.

(a) Study **Fig. 6**, an Oxfam advert for an aid project in Malawi, an LEDC in Africa.

(i) Which type of animal is given to a family in need?

..... [1]

(ii) State **two** outputs produced by the animal.

Output 1

Output 2 [2]

(b) How could the family's quality of life be improved by this aid project?

.....

.....

.....

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..... [4]

- (c) Explain **two** ways in which the aid project shown in **Fig. 6** is sustainable.

Way 1

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.....

.....

Way 2

.....

.....

..... [4]

- (d) Explain **one** possible problem with this type of aid project.

.....

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..... [2]

- (e) Suggest **two** ways in which development in LEDCs can be measured.
Explain how each way measures development.

Way 1

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.....

.....

Way 2

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..... [4]

(f) **CASE STUDY: An example of an economic activity in an LEDC**
You need a relevant example.

- Name the **LEDC**.

.....

- Name **one** example of an economic activity in your chosen LEDC.

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- Describe in detail the location of the economic activity.

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- Explain in detail why this is a good location for this example of an economic activity.

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..... [8]

[Total marks: 25]

END OF QUESTION 3

OR

4 Use **Fig. 7** and **Fig. 8** in the Resource Booklet.

(a) Study **Fig. 7**, pie charts showing employment structures of three countries in 2008.

(i) Which country had the largest proportion of **primary** workers?

..... [1]

(ii) Which country had the largest proportion of **tertiary** workers?

..... [1]

(iii) What was the proportion of **secondary** workers in Brazil?

Circle the correct answer.

24%

52%

73%

[1]

(b) Use **Fig. 7** to explain **two** pieces of evidence which show that **Nepal** is the least economically developed country.

Evidence 1

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.....

.....

Evidence 2

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.....

..... [4]

(c) Study **Fig. 8**, a photograph of child workers in an LEDC in South America.

(i) What type of worker are these child workers?

Circle the correct answer.

primary

secondary

tertiary

[1]

(ii) Briefly explain your answer.

..... [1]

(d) Why are there lots of child workers in some **LEDCs**?

.....

 [4]

(e) Give **two** reasons to explain why multi-national companies choose to invest in **LEDCs**.

Reason 1

Reason 2

 [4]

(f) **CASE STUDY: An example of a multi-national company (MNC) in a country**
You need a relevant example.

- Name of multi-national company (MNC).

.....

- Name of **one** country in which the MNC operates.

.....

- Explain in detail the **advantages** of the MNC for the people who live in your chosen country.

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- Explain in detail the **disadvantages** of the MNC for the people who live in your chosen country.

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..... [8]

[Total marks: 25]

END OF QUESTION 4

Additional Pages:

If you use these lined pages to complete the answer to any question(s), the question number(s) **must** be clearly shown.

[illegible]

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