

GENERAL CERTIFICATE OF SECONDARY EDUCATION

GEOGRAPHY B (Short Course)

Key Geographical Themes (Higher Tier)

A772/02

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(d), 2(c), 3(d) 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 **Figs 1, 2 and 3** in the Resource Booklet.

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

(i) What was the peak discharge?

..... cumecs **[1]**

(ii) What is 'lag time'? Suggest **one** reason why lag time occurs.

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 **[2]**

(iii) Describe **two** effects of the storm on river discharge. Use data from **Fig. 1** to help describe each effect.

1

2

 **[4]**

(b) Study **Fig. 2**, which shows part of a drainage basin.

(i) Briefly describe **two** impacts of the reservoir on the discharge of the river at **X**.

- 1
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- 2
- [2]

(ii) Suggest **two** ways that planting forest will affect river discharge at **Y**. Explain how each way will affect discharge.

- 1
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- 2
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- [4]

(c) Study **Fig. 3**, which shows the town of Tewkesbury during the flood of 2007. Tewkesbury is located on the flood plain of the River Severn.

Explain why building on floodplains is likely to increase flooding.

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- [4]

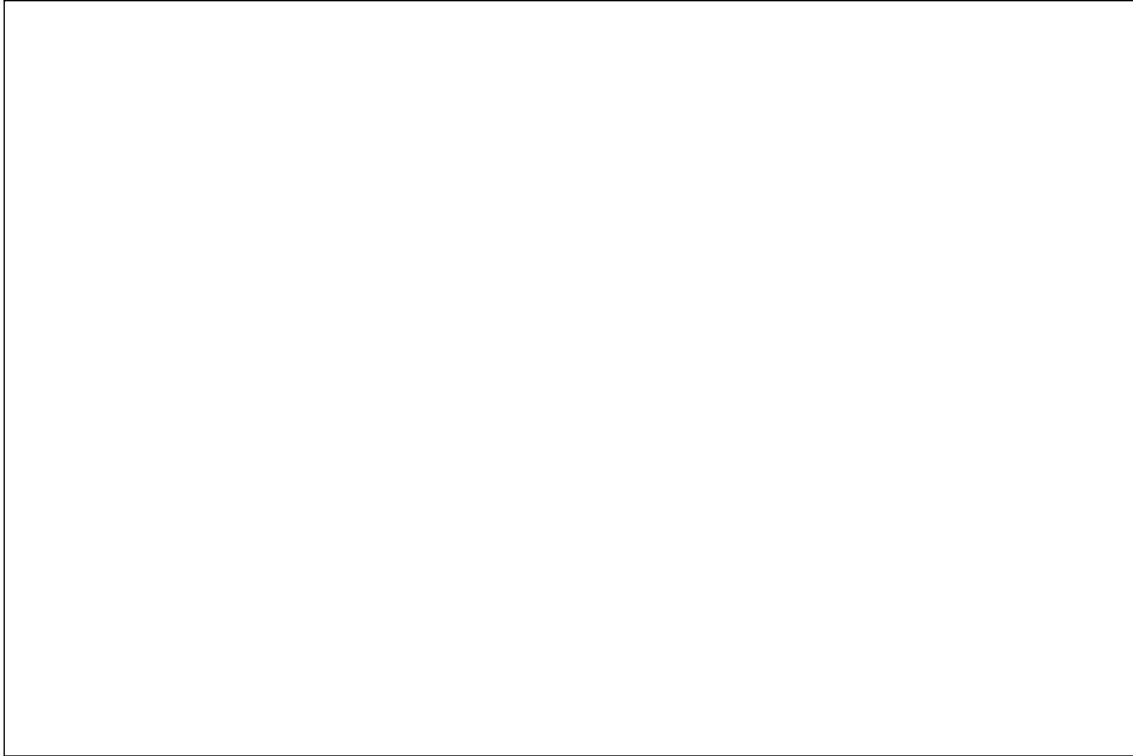
(d) CASE STUDY: River valley and landforms

Name of river valley you have studied:

Describe one or more landforms which are found in this river valley.

Explain how they have been formed. Use a labelled diagram or series of diagrams in your answer.

Include at least **three** different ideas, with detail.



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[Total marks: 25]

OR

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

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

- (i) Use the information in **Fig. 4** to describe **two** ways that erosion has affected the Holderness coastline.

1

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..... [2]

- (ii) What evidence from **Fig. 4** suggests that Withernsea is more at risk from coastal erosion than Aldbrough?

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

- (i) Give **two** pieces of evidence that these cliffs are being rapidly eroded.

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- (ii) Describe the impact of coastal erosion on people and communities along coasts which are being rapidly eroded.

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- (iii) Describe and explain **two** ways in which an area such as the one shown in **Fig. 5** could be protected against erosion.

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- (iv) Explain **two** arguments against coastline management.

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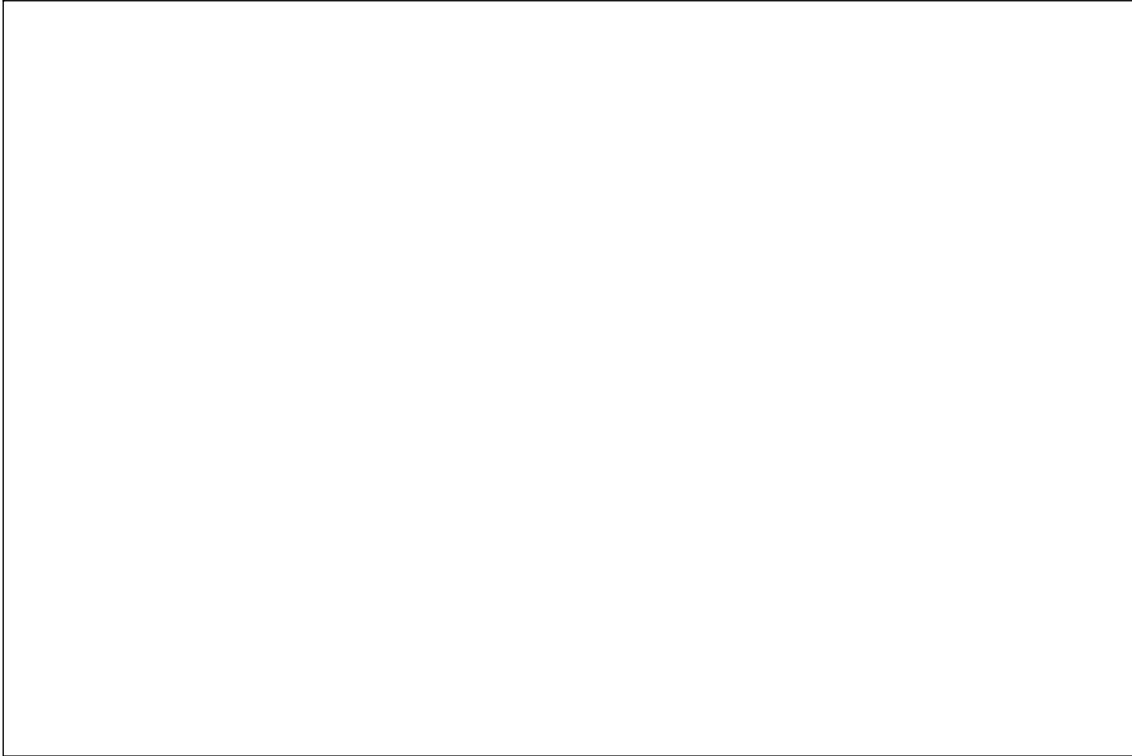
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(c) CASE STUDY: Coastal area and landforms

Name of coastal area you have studied:

Describe one or more landforms which are found in this coastal area. Explain how they have been formed. Use a labelled diagram or series of diagrams in your answer.
Include at least **three** different ideas, with detail.



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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 advertisement for an aid project in Malawi, an LEDC in Africa.

(i) Identify **three** different benefits which families in Malawi get from the cow loan scheme.

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- 2
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- 3
- [3]

(ii) Explain **two** ways in which this type of aid project is sustainable.

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- [4]

- (b) (i) The project in Malawi is an example of long-term aid. Describe a different type of aid and explain how it is different from long-term aid.

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- (ii) Identify **one** quality of life indicator which can be used to measure the success of foreign aid. Briefly explain how it can be used to do this.

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- (c) Give **two** reasons to explain why some foreign aid projects are not successful.

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(d) CASE STUDY: An economic activity in an LEDC

Name and locate an example of an economic activity you have studied in an LEDC.

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Explain why this economic activity is located in this LEDC. What factors might influence decisions about whether the named economic activity remains at this location in the future? Include at least **three** different ideas, with detail.

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[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 the employment structure of three countries in 2008.

(i) What is meant by secondary employment?

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 [1]

(ii) Use **Fig. 7** to identify **two** ways in which the employment structure changes as countries become more economically developed.

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..... [2]

(iii) Suggest reasons why the employment structures of Nepal (an LEDC) and USA (an MEDC) were so different in 2008.

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 [4]

- (b) Study **Fig. 8**. It shows children working in the tertiary sector in an LEDC. Suggest **two** reasons why many children in LEDCs do this type of work.

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- (c) (i) Briefly describe **two** features of multi-national companies (MNCs).

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- (ii) Give **two** reasons to explain the increasing globalisation of industry.

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(d) CASE STUDY: Multi-national companies

Name a multi-national company you have studied and a country where it is located.

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Explain how the multi-national company affects local people and the overall economy of the country.

Include at least **three** different ideas, with detail.

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[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.

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