

**Tuesday 6 June 2017 – Afternoon**

**GCSE GEOGRAPHY (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

**Duration:** 1 hour 15 minutes



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 inside this document. You may not use all of the resources. The questions tell you which resource(s) you need to use.
- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- 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 page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the barcodes.

**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 **66**.
- You will be assessed on the quality of written communication in your answer to the following questions: 1(e) and 2(d). Questions marked with a pencil (✎) will carry **3** additional marks for spelling, punctuation and grammar.
- This document consists of **12** pages. Any blank pages are indicated.

Answer **all** the questions.

**SECTION A – Rivers and Coasts**

1 Use **Fig. 1** and **Fig. 2** in the Resource Booklet and the separate **OS map extract**.

(a) Study the **OS map extract** which shows the area around the town of Cockermouth in Cumbria.

(i) Identify the main road which crosses the River Derwent in grid square 1031.

A ..... [1]

(ii) A river confluence is where two rivers meet. In which **one** of the grid squares below is the confluence of the River Derwent and the River Cocker located?

Tick (✓) the correct answer.

	Tick (✓)
1129	
1131	
1230	
1330	

[1]

(iii) Tom Rudd Beck is named in grid square 1728. In which general direction does this stream flow from its source to where it joins the River Cocker?

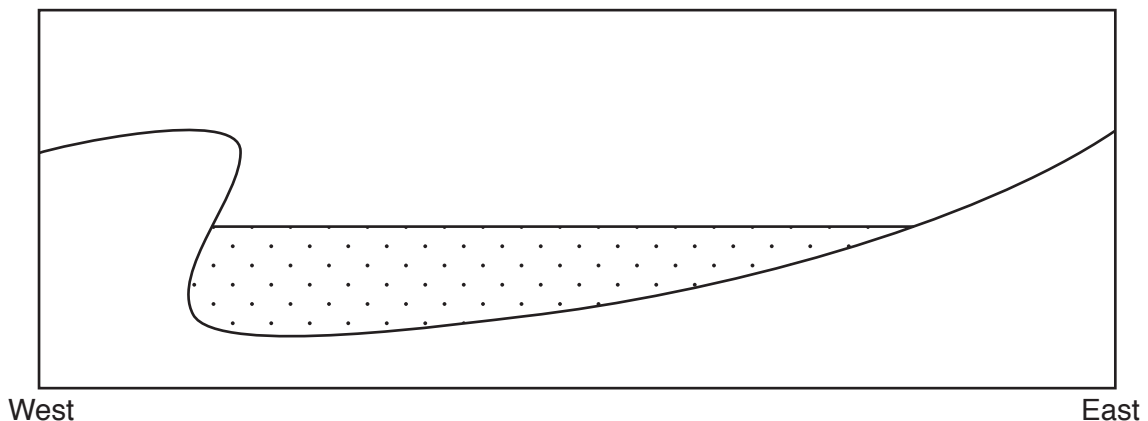
.....

[1]

(b) There is a meander on the River Derwent where it crosses grid line 32 on the **OS map extract**.

On the cross section of this meander below use labelled arrows

- to show where the current is strongest (label **X**)
- to show where there is erosion (label **E**) and deposition (label **D**)
- to identify a river cliff (label **C**)
- to identify a slip-off slope (label **S**)



[4]

(c) Study **Fig. 1**, a photograph which shows river flooding in Cockermouth, and look again at the **OS map extract**.

(i) Explain how river flooding could have affected the people living in Cockermouth.

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..... [4]

(ii) Suggest **two** reasons to explain why river flooding occurred in the centre of Cockermouth in grid square 1230.

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2 .....

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..... [4]

(d) Study **Fig. 2**, a hydrograph of the River Cocker.

(i) Discharge is measured in cubic metres per second (cumecs). Explain what is meant by the term 'discharge'.

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..... [2]

(ii) Using only the information shown on **Fig. 2** explain why flooding occurred in Cockermouth.

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(e)  **CASE STUDY – a coastal area and its landforms**

Name a coastal area you have studied.

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Describe **one** landform which is found in this coastal area. Explain how it has been formed. You may include a labelled diagram.  
(Include at least **three** developed ideas).



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**SECTION B – Economic Development**

2 Use **Fig. 5** and **Fig. 6** in the Resource Booklet.

(a) Study **Fig. 5** which shows indicators of development for selected countries.

(i) What does 'GDP per capita' mean?

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..... [2]

(ii) Describe the relationship shown in **Fig. 5** between:  
GDP per capita and the number of children dying under 5 years old (per 1,000 live births).

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GDP per capita and the number of years of schooling.

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..... [2]

(iii) Explain the positive relationship shown in **Fig. 5** between GDP per capita and life expectancy at birth.

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..... [4]





(iii) Explain **two** disadvantages of an aid project for an **LEDC**.

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2 .....

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[4]

**CASE STUDY (d) follows on page 10.**

(d)  **CASE STUDY – a multi-national company (MNC)**

Name an MNC and an area or country in which the MNC has invested money.

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Describe the positive and negative effects of MNC investment in the area or country.  
(Include at least **three** developed ideas).

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..... [9]

 **Spelling, punctuation and grammar** [3]

**END OF QUESTION 2**

**END OF QUESTION PAPER**

**ADDITIONAL ANSWER SPACE**

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).

A large area of lined paper for writing. It consists of a vertical solid line on the left side, creating a margin. To the right of this line, there are numerous horizontal dotted lines spaced evenly down the page, providing a guide for writing.

A large rectangular area with a solid vertical line on the left side and horizontal dotted lines across the rest of the page, intended for writing answers.



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