

**GENERAL CERTIFICATE OF SECONDARY EDUCATION**  
**GEOGRAPHY C (1988)**

Terminal Examination (Foundation Tier)

**2402**

Candidates answer on the Question Paper

**OCR Supplied Materials:**

- OS Map Extract (inserted)
- Resource Booklet Insert (2402/RBI – inserted)

**Other Materials Required:**

None

**Monday 14 June 2010**  
**Morning**

**Duration: 2 hours 15 minutes**



Candidate Forename		Candidate Surname	
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Centre Number						Candidate Number				
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**MODIFIED LANGUAGE**

**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 **four** questions: **two** from Section A, **one** from Section B and **one** from Section C.
- 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.

**SECTION A: PLACES**

Answer **two** questions from A1, A2, A3.

**SECTION B: PHYSICAL THEMES**

Answer **either** Question B4 **or** Question B5.

**SECTION C: HUMAN THEMES**

Answer **either** Question C6 **or** Question C7.

**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 **100**.
- You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing.
- Use the grid below to choose the best **four** questions to answer:
  1. **Read** each question carefully.
  2. **Tick** the grid to see how much of each question you can do, then:
  3. Choose **two** questions from A1, A2, A3.
  4. Choose B4 **or** B5.
  5. Choose C6 **or** C7.

Question	a	b	c	d	e	case study
A1						
A2						
A3						
B4						
B5						
C6						
C7						

Notes:

- These abbreviations are used:
  - EU – European Union which includes the United Kingdom
  - LEDC – Less Economically Developed Country.
  - MEDC – More Economically Developed Country.
- This document consists of **32** pages. Any blank pages are indicated.

## SECTION A: PLACES

Answer TWO Questions from A1, A2, A3

## Question A1

This question is about places in the European Union (EU).

You need to use Fig. 1 and Fig. 2 in the Resource Booklet Insert.

Study Fig. 1. It shows selected statistics for Poland in 2004 and 2008.  
Poland joined the European Union in 2004.

- (a) (i) State **one** measure which suggests that healthcare improved in Poland between 2004 and 2008.

.....

- (ii) State **one** measure which suggests that healthcare did not improve in Poland between 2004 and 2008.

..... [2]

- (b) State **one** measure which shows that people in Poland were richer in 2008.

(i) Measure .....

- (ii) Describe how it changed.

.....

..... [2]

- (c) Poland is one of 12 countries that have joined the EU since 2004.

Suggest **two** reasons to explain why these countries wanted to join the EU.

Reason 1 .....

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Reason 2 .....

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..... [6]

- (d) Study **Fig. 2**. It is a map showing planned road improvements in Poland for the 2012 European Football Championship.

Explain **two** good points for the people of Poland in having the European Football Championship in Poland.

**Good Point 1** .....

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**Good Point 2** .....

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..... [6]

(e) **CASE STUDY: Choose an example of population migration in the European Union (EU).**

- (i) Give the names of the places where the people migrated from and to.

**Place migrated from:** .....

**Place migrated to:** .....

- (ii) Explain **two** reasons for the migration.

Give place detail in your answer.

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- (iii) Describe, with detail, the effects of the migration on **one** of the places.

Give place detail in your answer.

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..... [9]

[Total: 25]

**END OF QUESTION A1**

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**REMEMBER IN  
SECTION A: PLACES**

**Answer TWO Questions from A1, A2, A3**

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**Question A2**

This question is about **Less Economically Developed Countries (LEDs)**.

You need to use **Fig. 3** and **Fig. 4** in the **Resource Booklet Insert**.

Study **Fig. 3**. It is a scattergraph showing data for selected LEDs.

- (a) Which **two** countries had the largest populations?

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

- (b) (i) Which country had the **lowest** Gross National Product (GNP)?

.....

- (ii) Which country had the **highest** Infant Mortality Rate?

..... [2]

- (c) An aid charity, like Oxfam, could use the information shown in **Fig. 3** to plan its aid programmes. Suggest **two** ways it could do this.

**Way 1** .....

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**Way 2** .....

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..... [6]

**TURN OVER FOR THE REST OF QUESTION A2**

(d) Study **Fig. 4**. It is a cartoon about women and development in **LEDs**.

What does the cartoon show about women and development in **LEDs**?

Comment on **two** important features of the cartoon.

**Feature 1** .....

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**Feature 2** .....

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..... [6]



**(e) CASE STUDY: Choose a development project in an LEDC.**

- (i)**
- Give the name of the
- LEDC**
- .

**Name of LEDC:** .....

- (ii)**
- Describe how the development project affected the quality of life of the people in the
- LEDC**
- .

Give place detail in your answer.

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- (iii)**
- Explain how sustainable the development project is.

Give place detail in your answer.

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**[Total: 25]****END OF QUESTION A2**

**REMEMBER IN  
SECTION A: PLACES**

**Answer TWO Questions from A1, A2, A3**

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**Question A3**

This question is about More Economically Developed Countries (MEDCs).

You need to use Fig. 5a and Fig. 5b in the Resource Booklet Insert.

The Mount St Helens volcano erupted violently on 18 May 1980.

Study **Fig. 5a**. It is a satellite image of the Mount St Helens area **before** the volcanic eruption of 18 May 1980.

Study **Fig. 5b**. It is a map of the Mount St Helens area **after** the volcanic eruption of 18 May 1980.

- (a) (i) In which grid square is the Mount St Helens volcano?

.....

- (ii) What is the main land use shown on **Fig. 5a**?

..... [2]

- (b) State **two** features of the volcanic eruption shown in **Fig. 5b**.

**Feature 1** .....

**Feature 2** ..... [2]

- (c) Suggest **two** possible problems faced by the local people after the eruption.

**Problem 1** .....

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**Problem 2** .....

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..... [6]

**TURN OVER FOR THE REST OF QUESTION A3**

- (d) Give **two** reasons to explain why people in **MEDCs** continue to live in areas that have experienced serious volcanic eruptions.

**Reason 1** .....

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**Reason 2** .....

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..... [6]

(e) **CASE STUDY:** Choose an MEDC place, (not in the European Union), which has experienced a recent natural hazard.

(i) Name the **MEDC** place and the type of natural hazard.

**Name of MEDC place:** .....

**Type of Natural Hazard:** .....

(ii) Describe how the impact of the natural hazard was affected by human activities.

Give place detail in your answer.

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(iii) Explain the physical processes which caused the hazard.

Give place detail in your answer.

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[Total: 25]

**END OF QUESTION A3**

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**SECTION B: PHYSICAL THEMES**

**Answer EITHER Question B4 OR B5**

**Question B4**

**This question is about Physical Systems and Environments.**

**You need to use Fig. 6 and Fig. 7 in the Resource Booklet Insert.**

Study **Fig. 6**. It shows some possible consequences of global climate change.

- (a) State **two** examples of wildlife, given in **Fig. 6**, which could be affected by global climate change.

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

- (b) State **two** water stores, given in **Fig. 6**, which could be affected by global climate change.

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

- (c) Explain **two** different ways in which people's lives could be affected by the possible consequences of global climate change.

**Way 1** .....  
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**Way 2** .....  
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 ..... [6]

**TURN OVER FOR THE REST OF QUESTION B4**

(d) Study **Fig. 7**. It is a cartoon about global climate change.

What does the cartoon show about global climate change?

Comment on **two** important features of the cartoon.

**Feature 1** .....

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**Feature 2** .....

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(e) **CASE STUDY: Choose a climate type that you have studied (not climate change).**

(i) State your chosen climate type.

**Climate type:** .....

(ii) Describe, with detail, **two** features of your chosen climate type.

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(iii) Explain, with detail, the reasons for these two features.

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[Total: 25]

**END OF QUESTION B4**

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**REMEMBER IN  
SECTION B: PHYSICAL THEMES**

**Answer EITHER Question B4 OR B5**

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**Question B5**

**This question is about Natural Hazards and People.**

**You need to use Fig. 8 in the Resource Booklet Insert.**

Study **Fig. 8**. It is a map showing information about Hurricane Dean in August 2007.

A hurricane is a type of tropical storm.

- (a) Give the latitude and longitude of the hurricane's predicted location for 8 PM on Friday 17 August.

**Latitude** = ..... °N

**Longitude** = ..... °W [2]

- (b) (i) In which direction was the hurricane moving?

.....

- (ii) What was the highest predicted storm category for the hurricane?

..... [2]

- (c) Explain **two** ways in which the information in **Fig. 8** could have been used to help protect people and property from the impact of the hurricane.

**Way 1** .....

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**Way 2** .....

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..... [6]

**TURN OVER FOR THE REST OF QUESTION B5**

- (d) Explain **two** reasons why the effects of Natural Hazards are usually worse in **LEDGs** than in **MEDCs**.

**Reason 1** .....

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**Reason 2** .....

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..... [6]

(e) **CASE STUDY:** Choose an example of how building design can protect people from the impact of a natural hazard.

(i) State the type of natural hazard.

**Type of natural hazard:** .....

(ii) Describe, with detail, the features of building design which protect people from the hazard.

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(iii) Comment, with detail, on how successful these design features are.

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[Total: 25]

**END OF QUESTION B5**

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**SECTION C: HUMAN THEMES**

**Answer EITHER Question C6 OR C7**

**Question C6**

**This question is about Economic Systems and Development.**

**You will need to use the Ordnance Survey Map Extracts and Fig. 9 and Fig. 10 in the Resource Booklet Insert.**

Compare the **Ordnance Survey Map Extracts** which show the town of Kettering in 1987 and 2007.

- (a) (i)** Give the number of the new A road which goes around the west and south of Kettering.

.....

- (ii)** How many main junctions does this new road have with other A roads?

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

Study **Fig. 9**. It is a photograph which shows a large factory in Latimer Park, circled on the **2007 map**.

- (b) (i)** What type of economic activity is the factory shown in **Fig. 9**?  
(underline the correct answer)

**Primary**

**Secondary**

**Tertiary**

- (ii)** In which direction was the camera pointing when the photograph, **Fig. 9** was taken?  
(underline the correct answer)

**South**

**East**

**West**

**[2]**

**TURN OVER FOR THE REST OF QUESTION C6**

- (c) Give **two** reasons to explain why the factory shown in **Fig. 9** is in a good location.

Use the photograph in **Fig. 9** and the **2007 map** to explain your answer.

**Reason 1** .....

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**Reason 2** .....

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..... [6]

- (d) Study **Fig. 10**. It shows a retail park on the edge of Kettering in grid square **8775**.

Explain **two** possible ways that the retail park may affect existing shops in the town centre of Kettering.

**Way 1** .....

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**Way 2** .....

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..... [6]



(e) **CASE STUDY: Choose an example of a local scale economic activity** (such as a farm or a factory or a service).

(i) Give the name and location of your chosen economic activity.

**Name of economic activity:** .....

**Location of economic activity:** .....

(ii) Describe, with detail, the inputs or outputs for your chosen economic activity.

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(iii) Explain, with detail, the reasons for the location of your chosen economic activity.

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[Total: 25]

**END OF QUESTION C6**

**REMEMBER IN  
SECTION C: HUMAN THEMES**

**Answer EITHER Question C6 OR C7**

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**Question C7**

**This question is about Population and Settlement.**

**You will need to use the Ordnance Survey Map Extracts and Fig. 11 in the Resource Booklet Insert.**

Study the **Ordnance Survey Map Extracts** which show the town of Kettering and some nearby villages in 1987 and 2007.

Study **Fig. 11**. It shows the village of Pytchley, near Kettering.

- (a)** State the **two** grid squares where the village of Pytchley is located.

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

- (b)** (i) Which local service can be seen in **Fig. 11** and on the 2007 map?

.....

- (ii) Which local service closed in Pytchley between 1987 and 2007?

..... [2]

- (c)** Suggest **two** reasons to explain why some people have moved from the town of Kettering to live in the village of Pytchley.

**Reason 1** .....

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**Reason 2** .....

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..... [6]

**TURN OVER FOR THE REST OF QUESTION C7**

- (d) Suggest **two** reasons to explain why people who live in the village of Pytchley would visit the town centre of Kettering.

**Reason 1** .....

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**Reason 2** .....

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..... [6]

**(e) CASE STUDY: Choose a settlement you have studied with a recent land use change.**

- (i)** State the name and location of your chosen settlement.

**Name of settlement:** .....

**Location of settlement:** .....

- (ii)** Describe, with detail, one recent land use change in your chosen settlement.

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- (iii)** Explain, with detail, how the land use change affected the quality of life of local people.

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..... [9]

**[Total: 25]**

**END OF QUESTION C7**

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**Additional pages:**

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

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