

GENERAL CERTIFICATE OF SECONDARY EDUCATION
GEOGRAPHY C (1988)

Terminal Examination (Foundation Tier)

WEDNESDAY 4 JUNE 2008

Morning
Time: 2 hours 15 minutes

Candidates answer on the question paper

Additional materials (enclosed): OS Map Extract
Resource Booklet Insert 2402/RBI

Additional materials (required):
None



* G U P / T 4 2 9 5 2 *

Candidate Forename

Candidate Surname

Centre Number

Candidate Number

INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use blue or 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.

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.

You must write the numbers of the questions you have answered in the boxes.

For Candidate's Use **For Examiner's Use Only**

Question No.	Mark	*
A.....		
A.....		
B.....		
C.....		
TOTAL		

* Column for Checker's Use Only

This document consists of **24** printed pages, **6** blank pages, **2** lined pages,
a resource booklet insert and an inserted map extract.

INFORMATION FOR CANDIDATES

- There is a separate answer space for each part of a question.
- The number of marks for each question is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is 100.
- You should have enough space for your answers but if you require more space use the extra lined pages at the end of this booklet and number your answers carefully.
- 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.

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** a map showing Economic Statistics for Geographical Areas of Italy.

(a) Which **two** Geographical Areas have the lowest percentage of car ownership?
.....
.....[2]

(b) (i) Which Geographical Area has the highest unemployment rate?
.....

(ii) Which Geographical Area has the highest monthly spending?
.....[2]

(c) Every year, thousands of people migrate from the south of Italy to the north.
Use evidence from **Fig. 1** to give **two** reasons to explain why.

Reason 1

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Reason 2

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.....[6]

TURN OVER FOR THE REST OF QUESTION A1

(d) Study **Fig. 2**, a photograph of the Bay of Naples with Mount Vesuvius.

The volcano Mount Vesuvius last erupted in 1944. Scientists predict it could erupt again in the future.

Give **two** reasons to explain why millions of people continue to live near to Mount Vesuvius.

Reason 1

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Reason 2

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(e) CASE STUDY: Choose an EU place which has experienced a natural hazard.

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

Name of EU place:

Type of Natural Hazard:

(ii) Describe how the natural hazard affected people and property.
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 A1

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**REMEMBER IN
SECTION A: PLACES**

Answer TWO Questions from A1, A2, A3

PLEASE DO NOT WRITE ON THIS PAGE

Question A2

This question is about Less Economically Developed Countries (LEDCs).

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

Study **Fig. 3**, a cartogram showing estimated World Population by country for 2050.

- (a) Which **two** countries will have the highest share of the estimated World Population?

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

- (b) Briefly state **two** problems in understanding the cartogram.

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.....[2]

- (c) Study **Fig. 4**, line graphs showing rates of population change for Africa and Asia.

Describe, with detail, **two** ways in which the population change for Africa is different to Asia.

Difference 1

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Difference 2

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.....[6]

TURN OVER FOR THE REST OF QUESTION A2

(d) Suggest **two** reasons to explain why the population change for Africa is different from Asia.

Reason 1

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Reason 2

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[6]

(e) CASE STUDY: Choose an LEDC with a changing population.

(i) State the name of your chosen LEDC.

Name of LEDC:

(ii) Describe how the population of your chosen LEDC is changing.
Give place detail in your answer.

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(iii) Give reasons to explain why the LEDC's population is changing.
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. 5 and Fig. 6 in the Resource Booklet Insert.

Study **Fig. 5**, a map and a table showing rainfall differences across South Island, New Zealand.

- (a) (i) Which weather station has the highest total annual rainfall?

.....

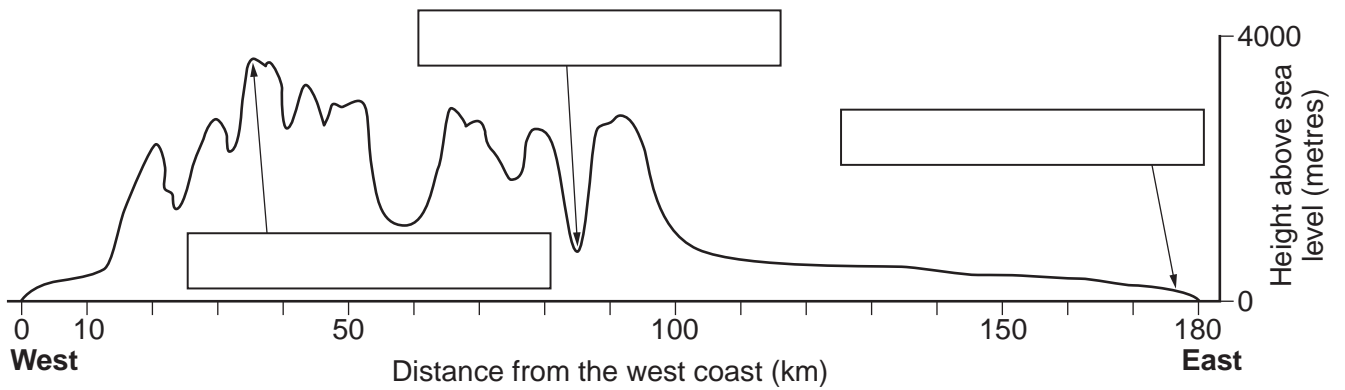
- (ii) Which weather station is the furthest east?

..... [2]

- (b) Label the cross-section diagram below by writing the names of the weather stations in the correct boxes. [2]

- (c) Annotate the cross-section diagram to explain why Mount Cook has a higher total annual rainfall than Timaru.

(you could include writing, arrows and sketches)



[6]

TURN OVER FOR THE REST OF QUESTION A3

(d) Study **Fig. 6**, a photograph of central South Island, New Zealand.

Explain **two** ways in which economic activities of central South Island, such as farming and tourism, will be affected by relief and climate.

Way 1

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Way 2

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.....[6]

(e) **CASE STUDY: Choose a changing economic activity in an MEDC (not the European Union).**

(i) State the **MEDC** and the type of economic activity.

Name of MEDC:

Type of economic activity:

(ii) Describe how the economic activity is changing.
Give place detail in your answer.

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(iii) Give reasons to explain why the economic activity is changing.
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. 7 in the Resource Booklet Insert.

(a) Study Fig. 7, a map of the River Eden catchment area with hydrographs for January 2005.

(i) Name an example of a water store shown on Fig. 7.

.....

(ii) Name an example of a water transfer shown on Fig. 7.

.....[2]

(b) Name the **two rivers which flow into the River Eden before it reaches Carlisle.**

.....

.....[2]

(c) Hydrographs X and Y show the River Eden's discharge after heavy rainfall in early January 2005.

Describe, with detail, **two** ways the river discharge for **Hydrograph X** was different from **Hydrograph Y**.

Difference 1

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Difference 2

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.....[6]

TURN OVER FOR THE REST OF QUESTION B4

(d) Give **two** reasons to explain why the river discharge for **Hydrograph X** was different from **Hydrograph Y**.

Reason 1

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Reason 2

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(e) **CASE STUDY: Choose a physical environment with natural vegetation (plants).**

(i) State the type of physical environment.

Physical environment:

(ii) Describe, with detail, what the natural vegetation is like for your chosen physical environment.

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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. 8a and Fig. 8b in the Resource Booklet Insert.

Study **Fig. 8a**, a database for the World's Ten Deadliest Volcanic Eruptions.

(a) (i) Which volcano caused the most deaths?

.....

(ii) What was the most common cause of death?

..... [2]

(b) Study **Fig. 8b**, a map showing the global locations of the ten deadliest volcanic eruptions.

Which **two** parts of the world have the greatest concentrations of deadly volcanic eruptions?

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..... [2]

(c) Give **two** reasons to explain why some volcanic eruptions caused more deaths than others.

Reason 1

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Reason 2

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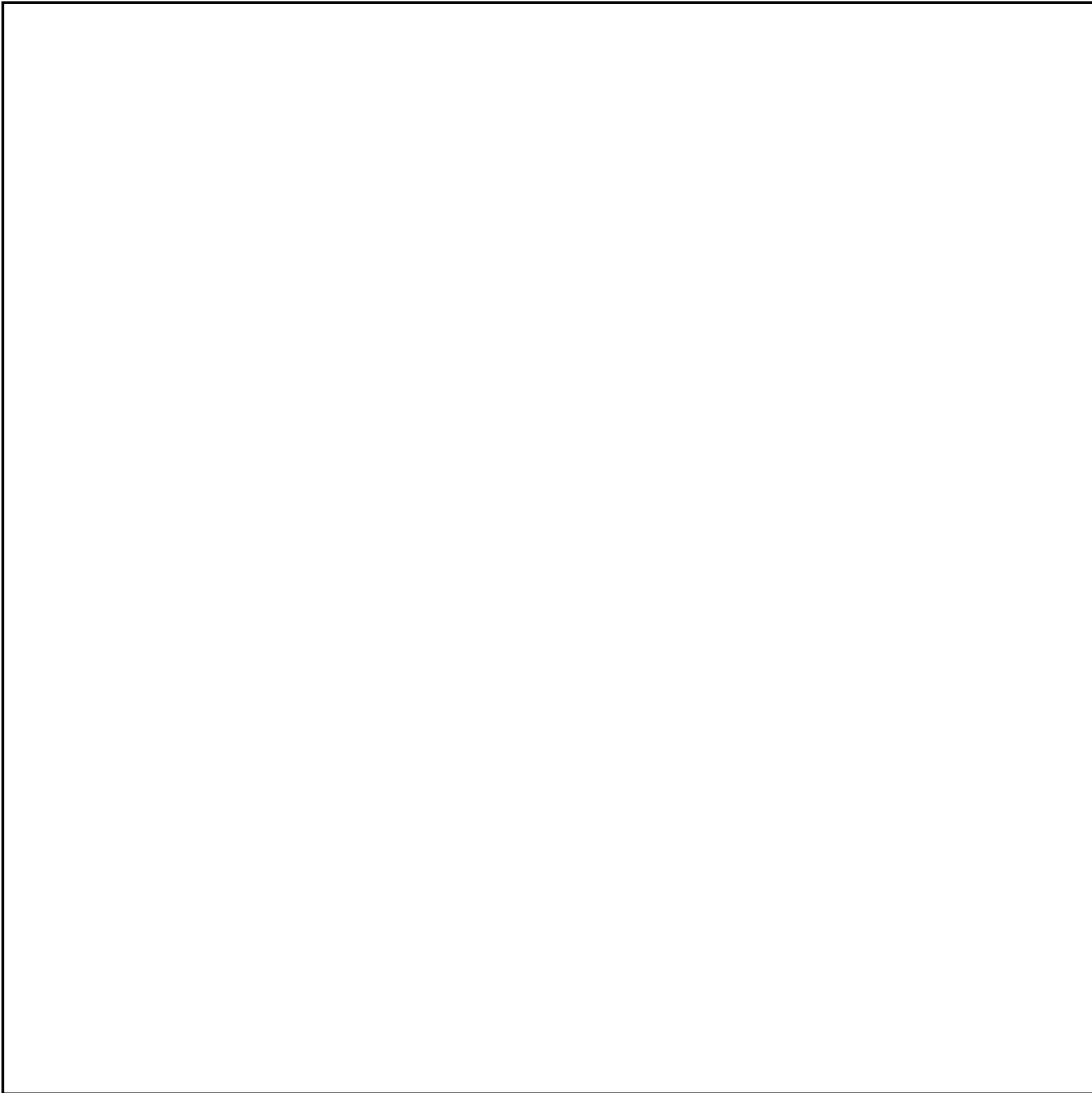
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TURN OVER FOR THE REST OF QUESTION B5

(d) Use a detailed **labelled sketch** to explain how the movement of plates causes volcanic eruptions.



[6]

(e) **CASE STUDY: Choose methods of protecting people and property for a type of natural hazard.**

(i) State the type of natural hazard.

Natural hazard:

(ii) Describe, with detail, the methods used to protect people and property from the effects of the natural hazard.

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(iii) Explain, with detail, how successful these methods are in protecting people and property.

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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 need to use Fig. 9 and Fig. 10 in the Resource Booklet Insert.

Study **Fig. 9**, a photograph of workers in Shenzhen in China.

- (a) (i) What job are the workers doing?

.....

- (ii) What type of economic activity does **Fig. 9** show.

Underline the correct word.

Primary

Secondary

Tertiary

[2]

- (b) Study **Fig. 10**, a diagram showing China's top trading partners.

- (i) From which country does China **import** most goods?

.....

- (ii) To which country does China **export** most goods?

.....[2]

TURN OVER FOR THE REST OF QUESTION C6

(c) Suggest **two** reasons to explain why China has more trade with some countries than others.

Reason 1

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Reason 2

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(d) In the Summer of 2008 Beijing, the capital city of China, will host the Olympic Games.

Explain **one good point** and **one bad point** of hosting the Olympic Games for the people of Beijing.

Good point

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Bad point

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..... [6]

(e) CASE STUDY: Choose a sustainable aid or investment programme.

(i) State the name and location of the aid or investment programme.

Name of aid or investment programme:

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Location of aid or investment programme:

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(ii) Describe, with detail, what the aid or investment money was spent on.

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(iii) Comment, with detail, on how sustainable the aid or investment programme is.

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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 Fig. 11 and the Ordnance Survey Map Extract.

Study **Fig. 11**, an advertisement feature for the city of Liverpool and the **Ordnance Survey Map Extract** which shows the centre of Liverpool.

(a) Photo A in Fig. 11 shows the Albert Dock; Photo B shows the Chinese Arch.

(i) In which OS map grid square is the **Albert Dock**?
(labelled **A** on the OS map)

Underline the correct number.

3391 3389 3489

(ii) In which OS map grid square is the **Chinese Arch**?
(labelled **B** on the OS map)

Underline the correct number.

3589 3590 3388

[2]

(b) Name **two** other visitor attractions shown on the OS Map Extract.

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

TURN OVER FOR THE REST OF QUESTION C7

- (c) **Photo A** at **Albert Dock** and **Photo C** at **Dingle** (labelled **C** on the OS map) show two different types of inner city housing in Liverpool.

Describe, with detail, **two** ways in which the housing at **A** is different to the housing at **C**.

Way 1

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Way 2

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..... [6]

- (d) **Sketch D** in **Fig. 11** shows a planned retail development for the **Paradise Street Area**. (labelled **D** on the OS map) (see grid square **3489**)

Give **two** reasons to explain why this is a good location for a large retail development.

Reason 1

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Reason 2

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..... [6]

(e) CASE STUDY: Choose a settlement where there has been recent change.

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

Name of settlement:

Location of settlement:

(ii) Describe, with detail, evidence of recent change in your chosen settlement.

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(iii) Explain, with detail, how the change has affected the local people's quality of life.

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[Total: 25]

END OF QUESTION C7

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