

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

General Certificate of Secondary Education

GEOGRAPHY SPECIFICATION A

PAPER 2 HIGHER TIER

1986/2

Monday

6 JUNE 2005

Morning

2 hours

Additional materials:

Resource Booklet (1086/1986/RB) – inserted

Answer paper

TIME 2 hours

INSTRUCTIONS TO CANDIDATES

Write your name, Centre number and candidate number in the spaces provided on the answer paper.
Answer **four** questions, **one** from each Unit, on the separate answer paper provided.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets [] at the end of each question or part question.
You will be awarded marks for the quality of written communication.

The following initials are used throughout this paper:

EU – European Union

LEDC – Less Economically Developed Country

MEDC – More Economically Developed Country.

This question paper consists of 13 printed pages, 3 blank pages and 1 Resource Booklet.

UNIT 1 PEOPLE AND THE PHYSICAL WORLD

Answer EITHER Question 1 OR Question 2.

1 (a) Study Fig. 1 below.

A cross section of a river meander

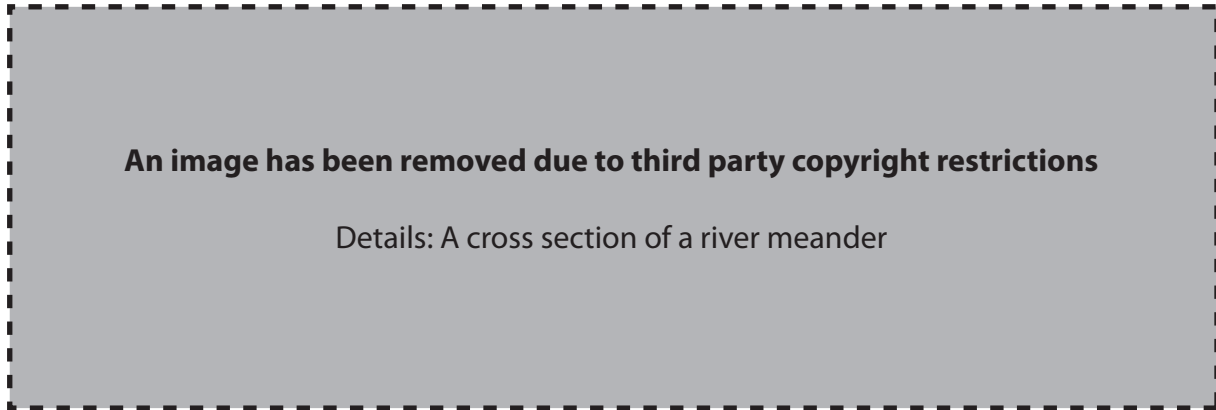


Fig. 1

- (i) Use evidence from Fig. 1 to describe how the velocity of the river varies. [3]
 - (ii) Where do deposition and erosion occur within a meander? [1]
 - (iii) Explain how differences in velocity across a river affect both deposition and erosion within a meander. [3]
- (b) Study Photograph A in the Resource Booklet.
Explain how a waterfall, such as the one in Photograph A, has been formed. You should draw labelled diagrams. [5]
- (c) For a named river in an MEDC, describe the causes of flooding. [7]

[Total : 19]

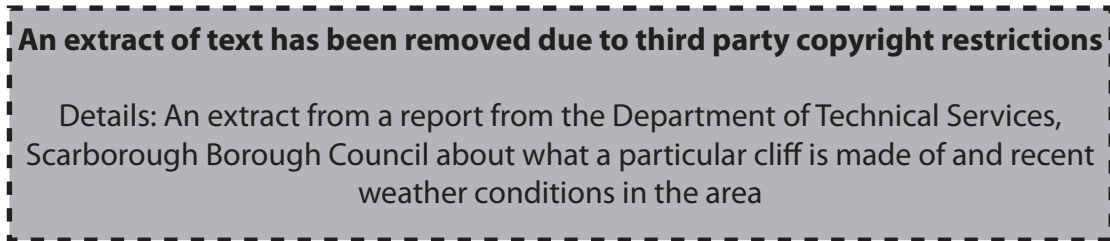
- 2 (a) (i) Study Photograph B in the Resource Booklet, which is of a landslip at Scarborough in North Yorkshire.

Describe how the landslip has affected the coast shown in Photograph B. [3]

- (ii) Study Photograph B again, together with Fig. 2a below.

Extract from a report from the Department of Technical Services,
Scarborough Borough Council

The upper part of...



...by a wet winter

Fig. 2a

Suggest reasons why the landslip occurred.

[4]

- (b) Study Fig. 2b below.

Methods of protecting the coastline shown in Photograph B

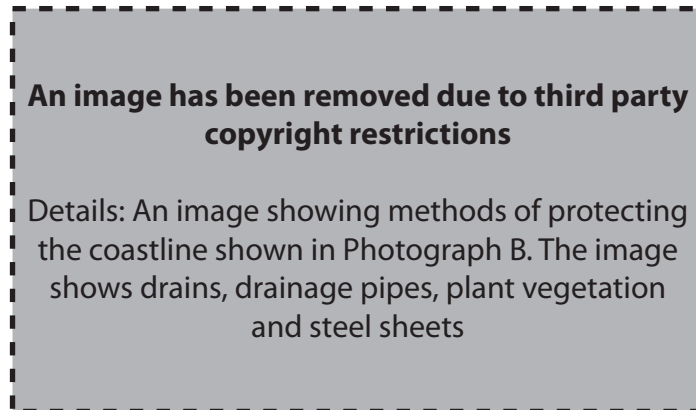


Fig. 2b

- (i) Suggest how the measures shown in Fig. 2b may prevent further cliff collapses in the area shown in Photograph B. [3]

- (ii) Name, or briefly describe, two other methods which are used to protect coastlines from erosion by the sea. [2]

- (c) Describe one or more natural features which are formed as a result of coastal deposition and explain their formation. You should use labelled diagrams. [7]

[Total : 19]

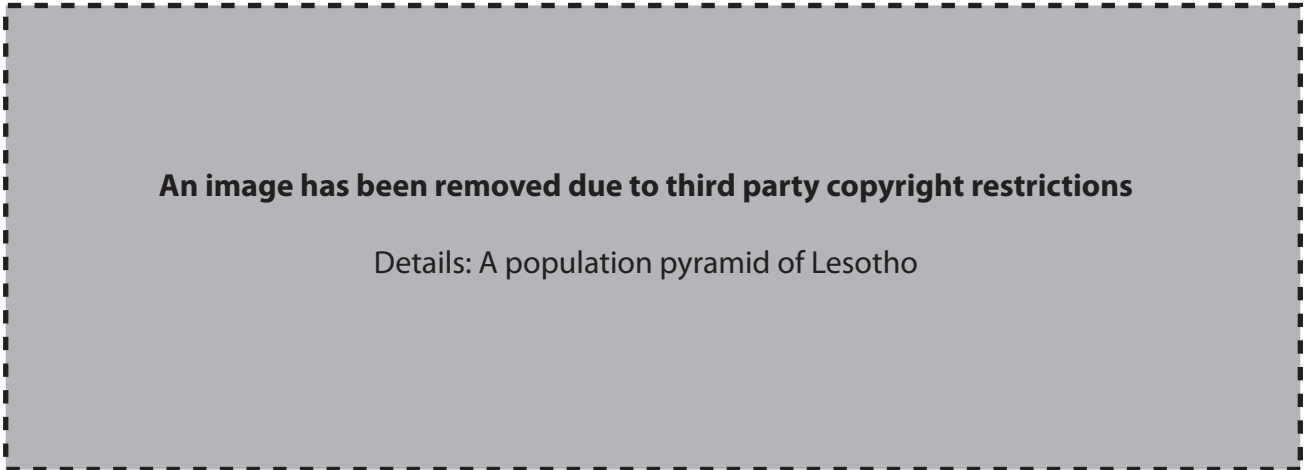
UNIT 2 PEOPLE AND PLACES TO LIVE

Answer EITHER Question 3 OR Question 4.

3 (a) Study Fig. 3a below.

Population pyramids of Lesotho and Norway (2000)

LESOTHO



NORWAY

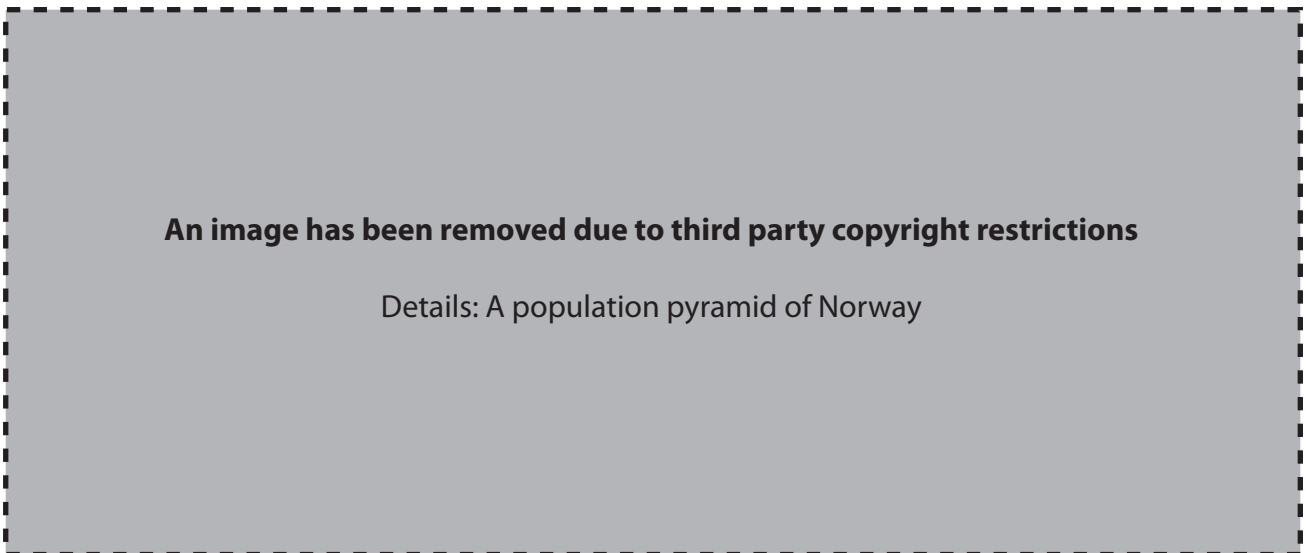


Fig. 3a

- (i) In Norway the total population in the 10–14 age group was 290 000.
What was the total population of this age group in Lesotho? [1]
- (ii) Explain the meaning of the term 'dependent population'. [2]
- (iii) Identify two differences between the dependent populations of Lesotho and Norway. [2]

(b) Study Fig. 3a again, together with Fig. 3b below.

Population pyramids of Lesotho and Norway (2025)

LESOTHO



NORWAY



Fig. 3b

- (i) Use Figs 3a and 3b to identify evidence of:
 - A: a falling birth rate in Lesotho between 2000 and 2025.
 - B: an ageing population in Norway between 2000 and 2025. [2]
- (ii) What will be the likely impacts of an ageing population in an MEDC such as Norway? [5]
- (c) With reference to a named country which you have studied, describe attempts to influence the birth rate. [7]

[Total : 19]

- 4 (a) Study Photographs C, D and E and Resource F in the Resource Booklet.

Match each of the Photographs C, D and E to the following locations:

King Street (in and around grid square G2)

Mosley Street (in and around grid square K4)

Canal Street (in and around grid square M8)

[1]

- (b) Look again at Resource F and study Photograph G in the Resource Booklet. The photograph shows the Central Library located in grid square H6.

(i) In which compass direction was the camera pointing when Photograph G was taken? [1]

(ii) Use the key to Resource F to identify how King Street to the west of Cross Street (grid square G2) is different from King Street to the east of Cross Street (grid square I3). [1]

- (c) Look again at Resource F together with Photograph H in the Resource Booklet. The photograph shows Riverside House, a new residential development close to the CBD of Manchester. The development is in grid square A3 of Resource F.

(i) What attracts many people to live in areas such as that shown in Photograph H? [4]

(ii) Describe other methods used to improve the quality of life in areas close to the CBD of cities in MEDCs. [5]

- (d) Many new shopping areas are now built away from the CBD.

For a named and located example which you have studied, describe the advantages and disadvantages for **shoppers** of such areas compared with the city centre. [7]

[Total : 19]

UNIT 3 PEOPLE AND THEIR NEEDS

Answer **EITHER** Question 5 **OR** Question 6.

- 5 (a) What is meant by:
- (i) commercial farming?
 - (ii) subsistence farming? [2]
- (b) Study Photographs J and K in the Resource Booklet.
 Photograph J shows a commercial farm in the UK.
 Photograph K shows a subsistence farm in an LEDC.
 Identify **two** differences between the land use of the areas shown in Photographs J and K. [2]
- (c) Study Fig. 5 below.

Farming systems diagram

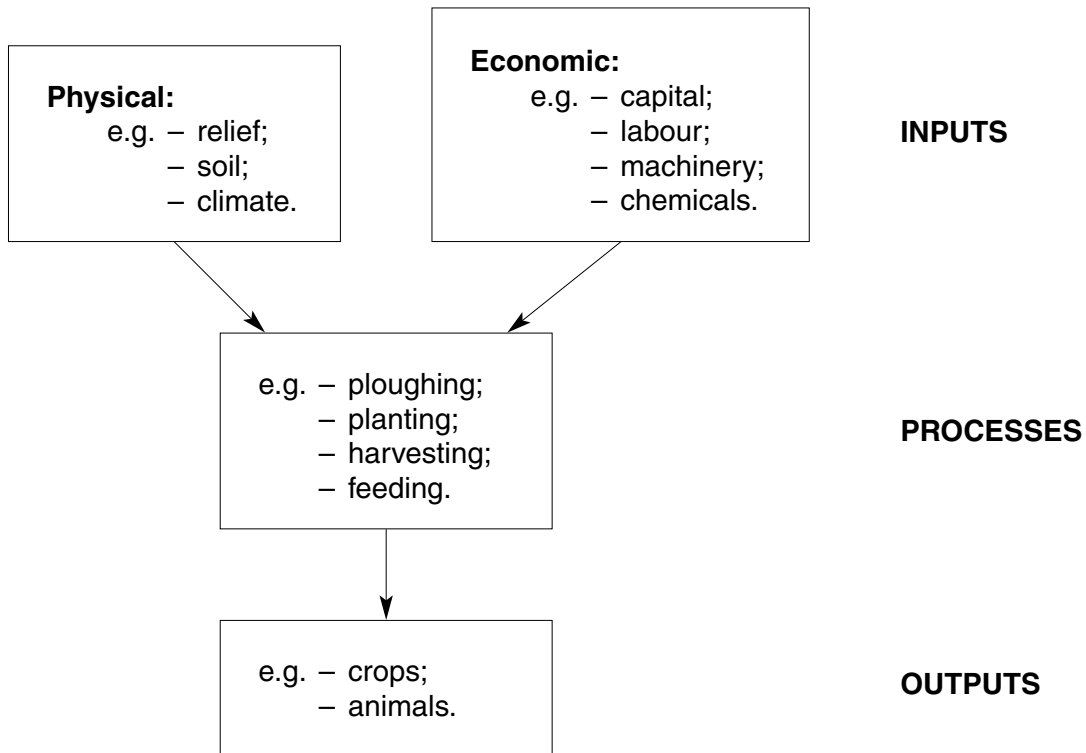


Fig. 5

- (i) Suggest how **physical** factors may have influenced farming in the area shown in Photograph J. [4]
- (ii) Describe the **economic** inputs into a subsistence farming system such as that shown in Photograph K. [4]
- (d) Describe how farming has changed in a named farming area in **either** the UK **or** the EU. You should refer to the impact of EU policies. [7]

[Total : 19]

- 6 (a) Study Fig. 6a below.

Line graph of Spanish and foreign visitors to Palma (Majorca)



Fig. 6a

Compare the number of Spanish and foreign visitors through the year.

[3]

(b) Study Fig. 6a again, together with Fig. 6b below.

Climate graphs of Palma and Manchester

Palma, Majorca (Spain)

Manchester, England

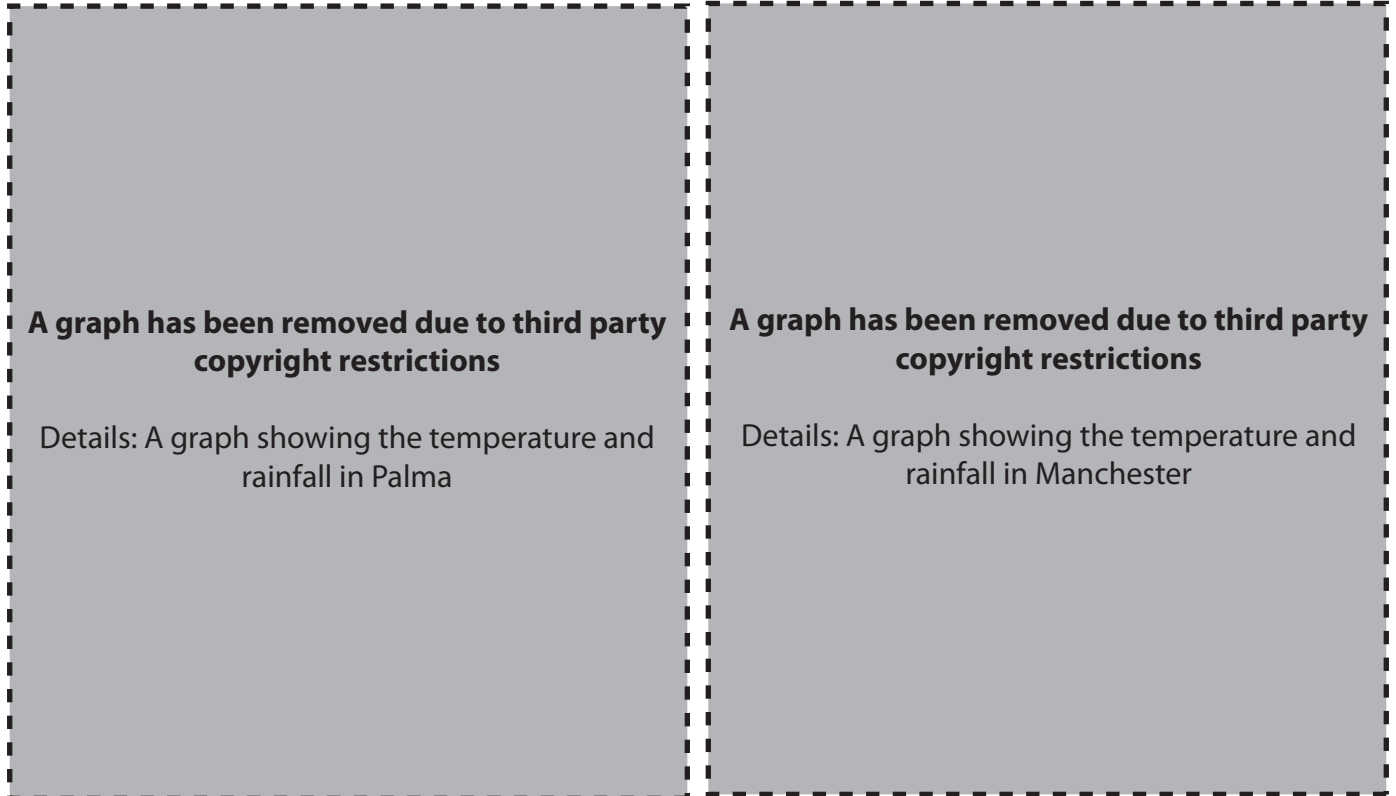


Fig. 6b

Many of the foreign visitors to Palma come from England.

Use the climate graphs to help you to explain the pattern of foreign visitors to Palma. [4]

(c) Study Figs 6c and 6d below.



Fig. 6c

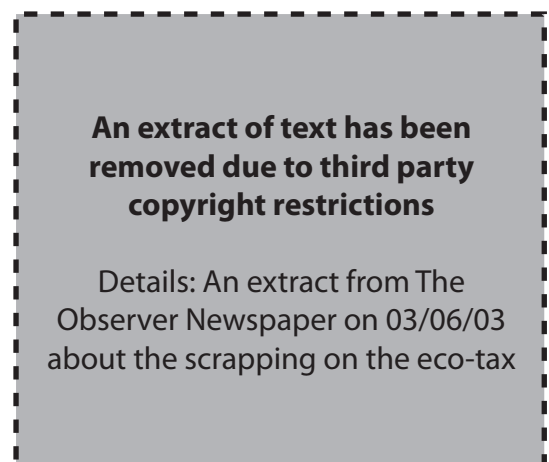


Fig. 6d

- (i) How might the money raised from the eco-tax have been used to promote sustainable development in the islands? [3]
- (ii) The eco-tax was scrapped in October 2003. Suggest why this tax had become unpopular with local people. [2]
- (d) Describe the advantages and disadvantages of the development of tourism to an LEDC which you have studied. [7]

[Total : 19]

UNIT 4 PEOPLE AND THE ENVIRONMENT

Answer **EITHER** Question 7 **OR** Question 8.

- 7 (a) Study Photograph L in the Resource Booklet, which is a satellite image of Edinburgh and part of the Firth of Forth.
- (i) Describe differences between the way the land is used in squares B2 and C2. [3]
- (ii) Using evidence from the satellite image, suggest how the water of the Firth of Forth has become badly polluted. [4]
- (b) The Forth Estuary Forum is a group of over 100 organisations aiming to reduce levels of pollution in the Firth of Forth.
- Suggest **two** reasons why many local organisations involved in the tourist industry want to reduce levels of pollution in areas of water such as the Firth of Forth. [2]
- (c) How could the quality of water in the Firth of Forth be improved? [3]
- (d) Another type of natural environment where there is concern about the impacts of development is the tropical rain forest.
- For a named area of tropical rain forest, describe the impact of deforestation on the **local** natural environment. [7]

[Total : 19]

- 8 (a) Study Fig. 8a below.

Land ownership in five National Parks



Fig. 8a

- (i) Rank the five National Parks from highest to lowest percentage of private land ownership. [1]
- (ii) Identify:
- one similarity in land ownership
 - one difference in land ownership
- between the Peak District and Northumberland National Parks. [2]

(b) Study Fig. 8b below.

Land use in Dartmoor National Park



Fig. 8b

- (i) Why are reservoirs often located in National Parks such as Dartmoor? [3]
- (ii) Suggest why forestry areas and reservoirs are often located near to each other in National Parks. [2]
- (iii) Explain possible conflicts which are likely in a National Park between
- military training and horse riding
 - farming and rambling. [4]
- (c) For a named area you have studied, describe the advantages and disadvantages to the local people of a quarry or mine. [7]

[Total : 19]

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