

Candidate Name

Centre Number

Candidate
Number

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OXFORD CAMBRIDGE AND RSA EXAMINATIONS

General Certificate of Secondary Education

GEOGRAPHY SPECIFICATION A

1986/1

PAPER 1 FOUNDATION TIER

Monday

6 JUNE 2005

Morning

2 hours

Candidates answer on the question paper.

Additional materials:

Resource Booklet (1086/1986/RB) – inserted

TIME 2 hours

INSTRUCTIONS TO CANDIDATES

Write your name, Centre number and candidate number in the spaces at the top of this page.

Answer **all** questions.

Write your answers in the spaces provided on the question paper.

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.

Additional answer space is available on the lined pages 15 and 16 at the back of the book. Answers on these pages **must** be clearly numbered.

The following initials are used throughout this paper:

EU – European Union

LEDC – Less Economically Developed Country

MEDC – More Economically Developed Country.

FOR EXAMINER'S USE	
Question 1	
Question 2	
Question 3	
Question 4	
Sub-Total	
QWC	
TOTAL	

This question paper consists of 14 printed pages, 2 lined pages and 1 Resource Booklet.

UNIT 1 PEOPLE AND THE PHYSICAL WORLD

- 1 (a) Study Fig. 1a below.

A cross section of a river meander

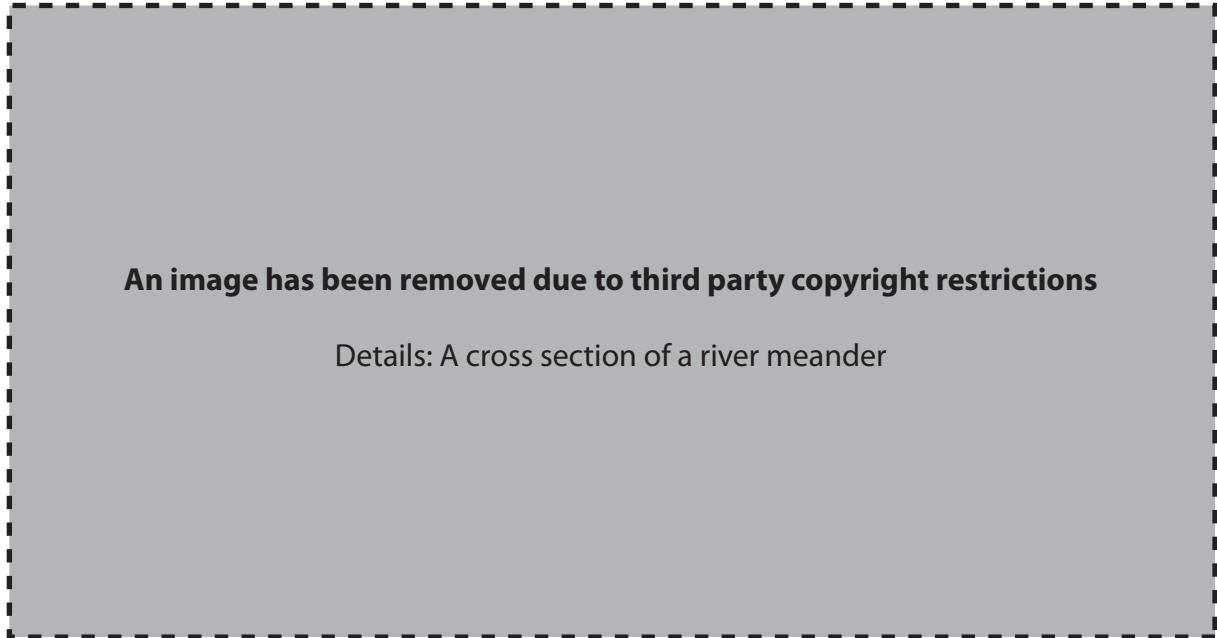


Fig. 1a

- (i) On Fig. 1a, complete the 20 cm/sec. line which shows the speed of the river. [1]
- (ii) On Fig. 1a, shade in the part of the river where it is flowing faster than 40 cm/sec. [1]
- (iii) In which part of the river channel is the water flowing fastest?
 ----- [1]
- (iv) Why does the river flow fastest there?

 _____ [1]

(v) Add the following labels to the two arrows drawn on Fig. 1a:

- Deposition
- Erosion

[1]

(vi) What effect does the speed of the river have on deposition and erosion?

[2]

- (b) Study Photograph A in the Resource Booklet and Fig. 1b below.

Sketch of the waterfall shown in Photograph A



Fig. 1b

- (i) Mark with an arrow and label on Fig. 1b:
- Plunge pool
 - Hard rock layer

[2]

(ii) Explain how a waterfall, such as the one in Photograph A, has been formed.

You should draw labelled diagrams in the space below.

[3]

(c) Name a river in an MEDC which has flooded.

River _____

(i) Give **two** reasons why this river flooded.

1. _____

2. _____

[2]

(ii) Describe how the flood affected people who lived near the river.

[5]

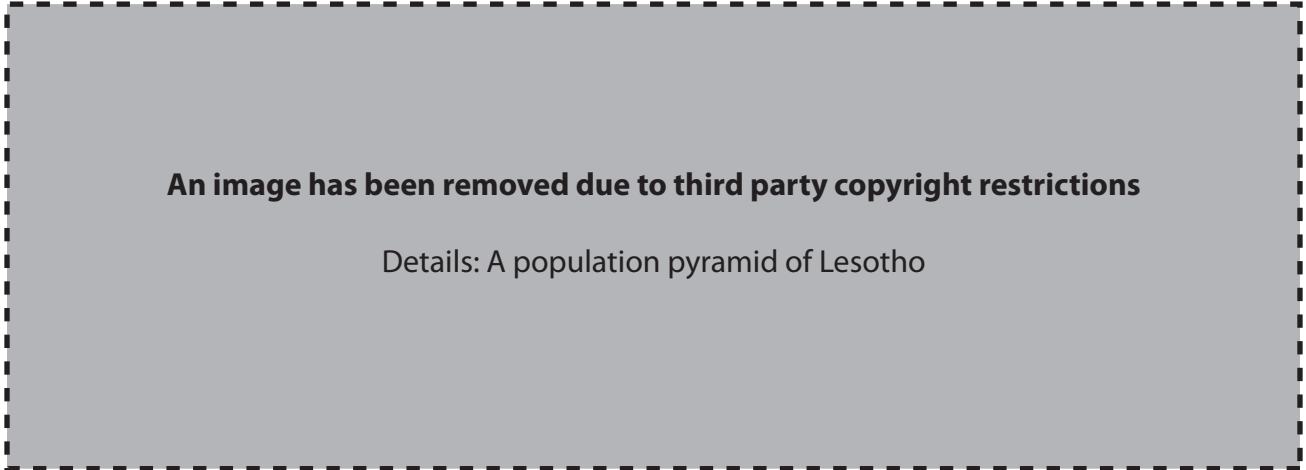
[Total : 19]

UNIT 2 PEOPLE AND PLACES TO LIVE

2 (a) Study Fig. 2 below.

Population pyramids of Lesotho and Norway (2000)

LESOTHO



Male NORWAY Female



Fig. 2

(i) Use Fig. 2 to complete the table below.

Age	Lesotho (LEDC)		Norway (MEDC)	
	Number of males	Number of females	Number of males	Number of females
10–14	120 000	120 000		140 000

[1]

- (ii) Complete the population pyramid for Lesotho by using the following information:

Number of males aged 20–24 = 100 000 [1]

- (iii) Life expectancy is the average number of years that people are expected to live. How does Fig. 2 show that people in Norway have a longer life expectancy than people in Lesotho?

[1]

- (iv) Explain why life expectancy is longer in MEDCs (e.g. Norway) than LEDCs (e.g. Lesotho).

[3]

- (v) Give **two** impacts on an MEDC of a large proportion of its people being old.

1. _____

2. _____

[2]

- (b) Look again at Fig. 2.

- (i) What does 'economically active' mean?

[1]

- (ii) Complete the following sentence by adding the names of the two countries:

In _____ there are more economically active people
than in _____ . [1]

- (iii) Give **one** piece of evidence from Fig. 2 to show that there is a higher birth rate in Lesotho than in Norway.

[1]

(iv) Why is the birth rate usually high in LEDCs?

[3]

(c) Name a country which you have studied and describe attempts to change the birth rate.

Name of country: _____

[5]

[Total : 19]

UNIT 3 PEOPLE AND THEIR NEEDS

3 (a) Study Photograph J in the Resource Booklet which shows a farm in an MEDC.

(i) What is the main type of farming shown in the photograph?

_____ [1]

(ii) Study Fig. 3 below.

Sketch of the farm in Photograph J

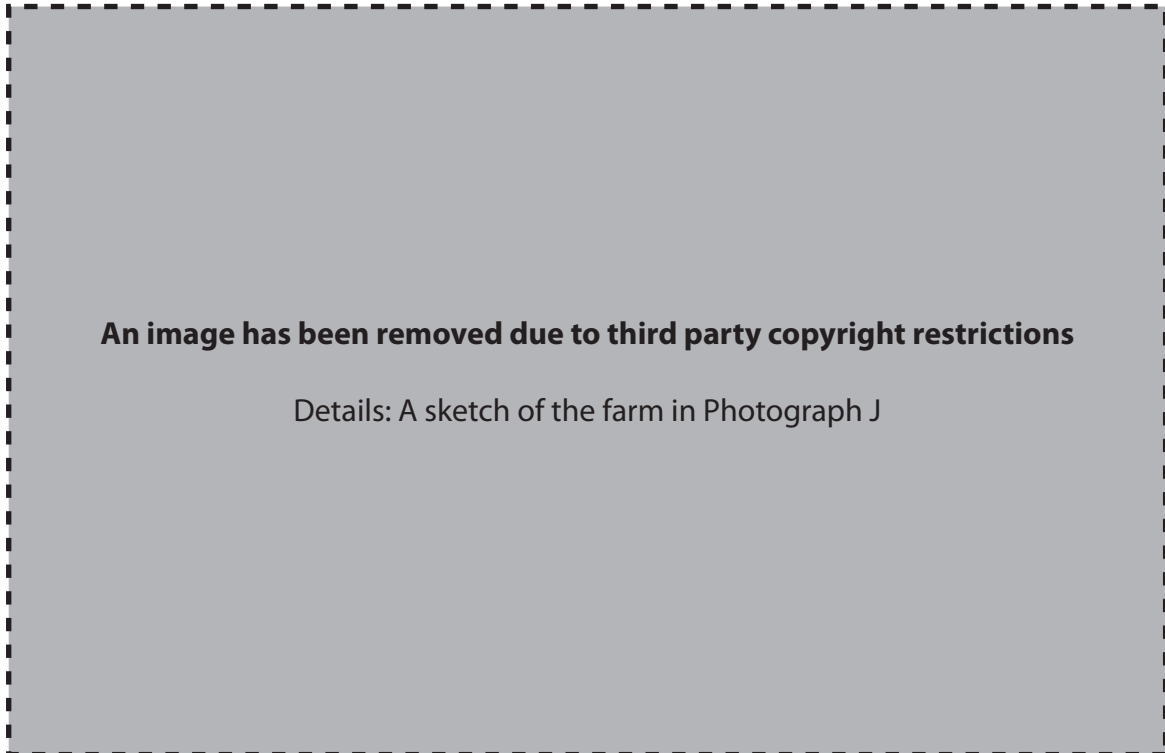


Fig. 3

Write the following labels in the correct boxes to describe the relief of the land.

FLAT VALLEY FLOOR
STEEP SLOPES
HIGH MOORLAND

[2]

(iii) Suggest three difficulties of farming in the area shown in Photograph J and Fig. 3.

1. _____

2. _____

3. _____

_____ [3]

(b) Study Photograph K in the Resource Booklet which shows a subsistence farm in an LEDC.

(i) What does 'subsistence farming' mean?

[1]

(ii) Explain why many subsistence farmers in LEDCs only have small plots of land.

[2]

(iii) Describe **three** jobs which are likely to be done on the farm shown in Photograph K.

1.

 2.

 3.

- [3]

(iv) Explain why most jobs on subsistence farms are done by hand rather than by machine.

[2]

UNIT4 PEOPLE AND THE ENVIRONMENT

- 4 (a) Study Photograph L in the Resource Booklet, which is a satellite image, and Fig. 4 below. They both show Edinburgh and part of the Firth of Forth.

Sketch map of the area shown in Photograph L

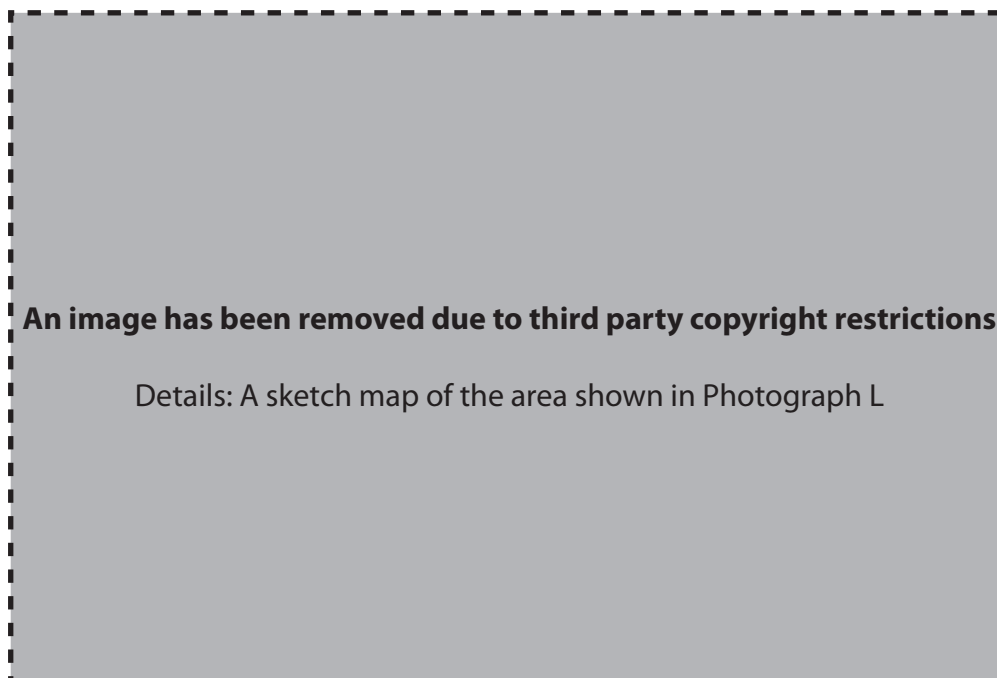


Fig. 4

- (i) On Fig. 4, mark 'X' where there is a harbour and industrial area on the banks of the Firth of Forth. [1]
- (ii) On Fig. 4, colour or shade the built up areas which are to the south of the Firth of Forth. [2]
- (b) (i) How might each of the following pollute the water of the Firth of Forth? Suggest a different way for each.

Harbours

Industrial areas

Built up areas

[3]

(ii) How might large amounts of water pollution in the Firth of Forth affect:

A: the tourist industry in Edinburgh;

B: wildlife in the Firth of Forth?

[4]

(c) (i) The Forth Estuary Forum is a group of over 100 organisations aiming to make sure that the Firth of Forth can be used in a sustainable way.

What does 'in a sustainable way' mean?

Underline the answer which you choose.

- using a resource in large amounts because it will never run out
- using a resource which cannot be renewed in the future
- using a resource now without damaging it for future generations
- using a resource which will make a large profit for local people

[1]

(ii) Suggest **three** ways in which the water quality of the Firth of Forth could be improved.

1. _____

2. _____

3. _____

_____ [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 effects of deforestation on people and the natural environment.

Name of area of rain forest _____

_____ [5]

[Total : 19]

