

GENERAL CERTIFICATE OF SECONDARY EDUCATION
GEOGRAPHY A

Paper 1 (Foundation Tier)

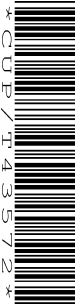
WEDNESDAY 4 JUNE 2008

Morning
 Time: 2 hours

Candidates answer on the question paper

Additional materials (enclosed): Resource Booklet (1986/1086/1, 2/RB)

Additional materials (required):
 None



Candidate
 Forename

Candidate
 Surname

Centre
 Number

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Candidate
 Number

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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 **all** the questions.
- Do **not** write in the bar codes.
- Write your answer to each question in the space provided.

INFORMATION FOR CANDIDATES

- 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 **80**.
- 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 this page **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	
1	
2	
3	
4	
Sub-Total	
QWC	
TOTAL	

This document consists of **14** printed pages, **2** lined pages and an inserted Resource Booklet.

1 (a) Study Photograph A in the Resource Booklet.

(i) Which **three** of the following coastal landforms can you see in Photograph A?
Put a circle around the **three** which you choose.

Cliff Beach Sand spit Arch Bay Stack

[3]

(ii) Complete the following sentence by circling the correct word.

The coastal landforms in Photograph A have been formed by
erosion / deposition / transportation.

[1]

(iii) Explain how landform **Y** was formed. You may use a fully labelled diagram in your answer.

.....

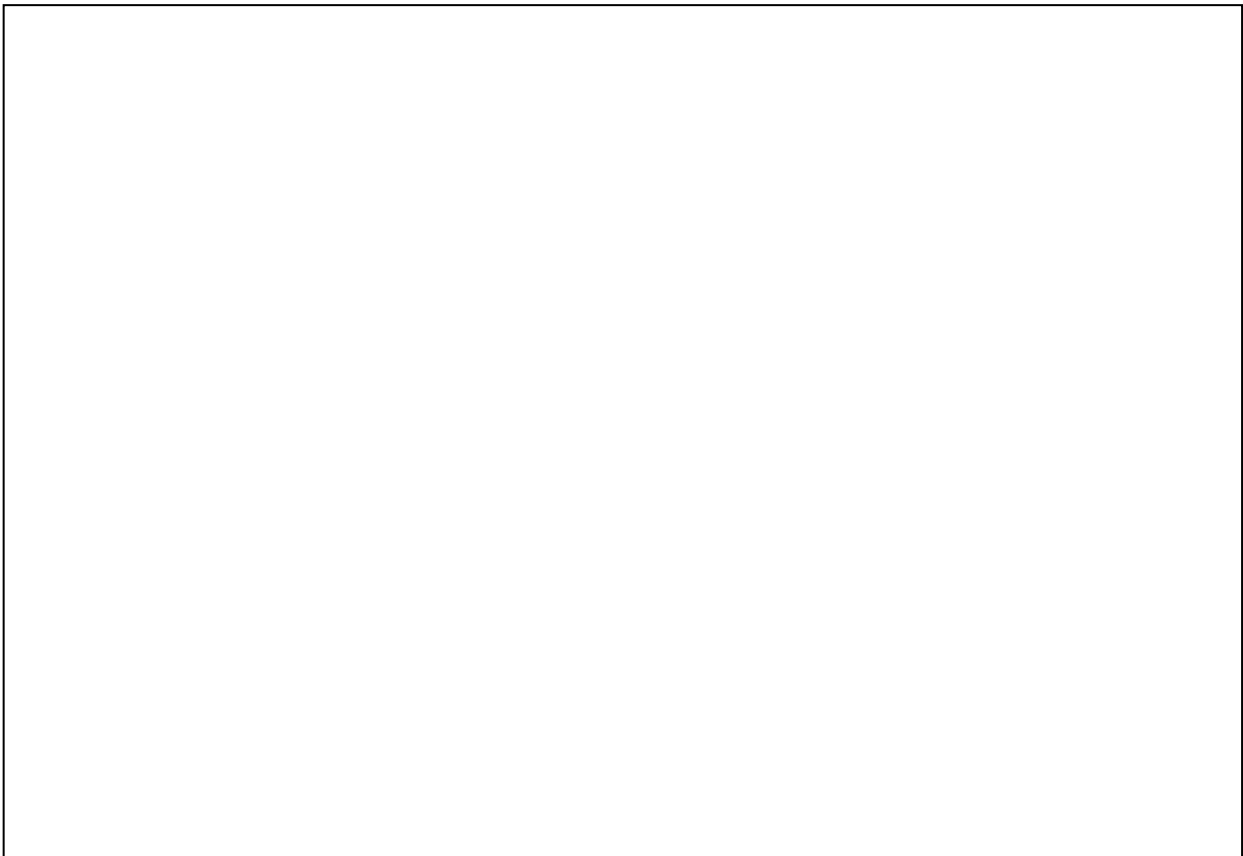
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..... [3]



(b) Study Photograph B in the Resource Booklet.

(i) Give **two** pieces of evidence that the cliffs shown in the photograph are eroding rapidly.

- 1
-
- 2
-[2]

(ii) Suggest **two** reasons why the cliffs shown in Photograph B in the Resource Booklet are being rapidly eroded.

- 1
-
- 2
-[2]

(iii) Describe **three** methods which could be used to protect the cliffs shown in Photograph B from erosion.

- 1
-
- 2
-
- 3
-[3]

(c) The natural environment causes many hazards.

Choose **one** of the following natural hazards:

- a river flood,**
- an earthquake,**
- a volcanic eruption.**

For a named example, which you have studied, describe its effects.

Hazard chosen (Circle the hazard which you choose).

River flood

Earthquake

Volcanic eruption

Named example

Effects

.....

.....

.....

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.....

.....

..... [5]

[Total: 19]

2 (a) Study Fig. 2 below.

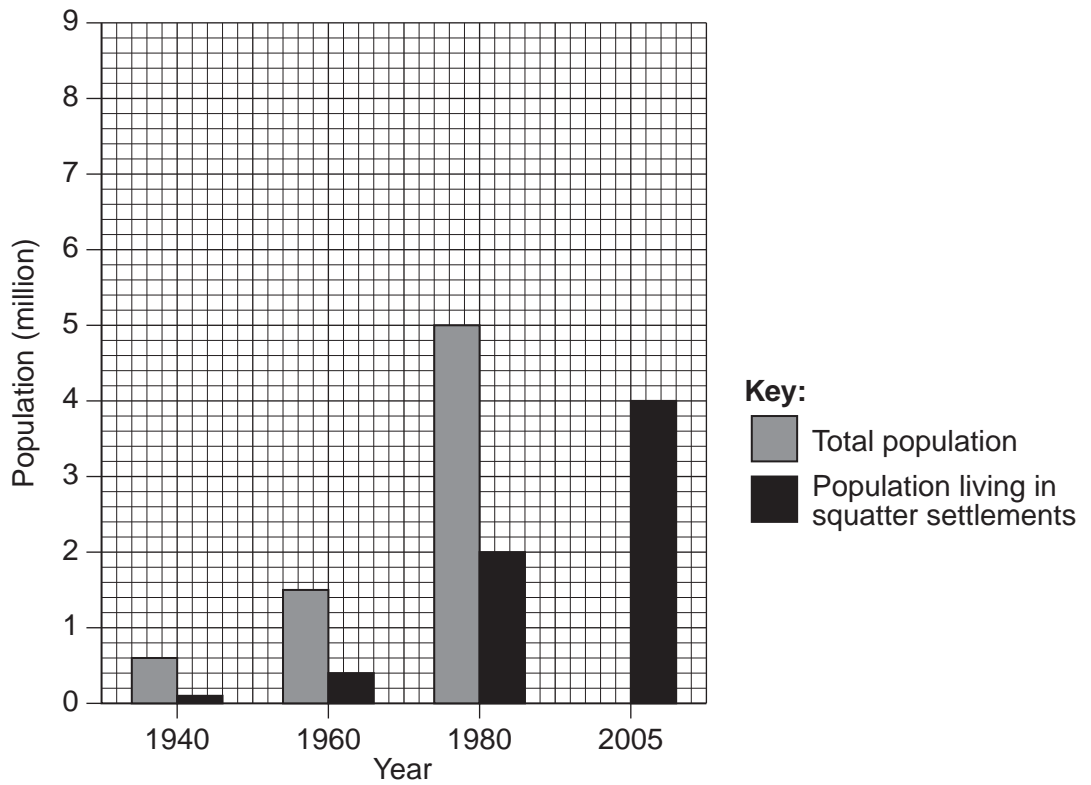


Fig. 2 Bar graph of population increase in Lima

(i) Use the following information to complete the graph:

Total population of Lima in 2005 = 8 million [1]

(ii) Describe the change in the population living in squatter settlements between 1980 and 2005.

.....

 [2]

(iii) The increase in population of Lima is due to natural increase and rural to urban migration.

Complete the following definition of natural population increase:

Natural increase = Birth Rate minus [1]

(iv) What does *rural to urban migration* mean?

.....

 [2]

(ii) Describe what could be done by the city authority to improve living conditions in such squatter settlements.

.....
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.....
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..... [4]

[Total: 19]

3 (a) Study Fig. 3a below.

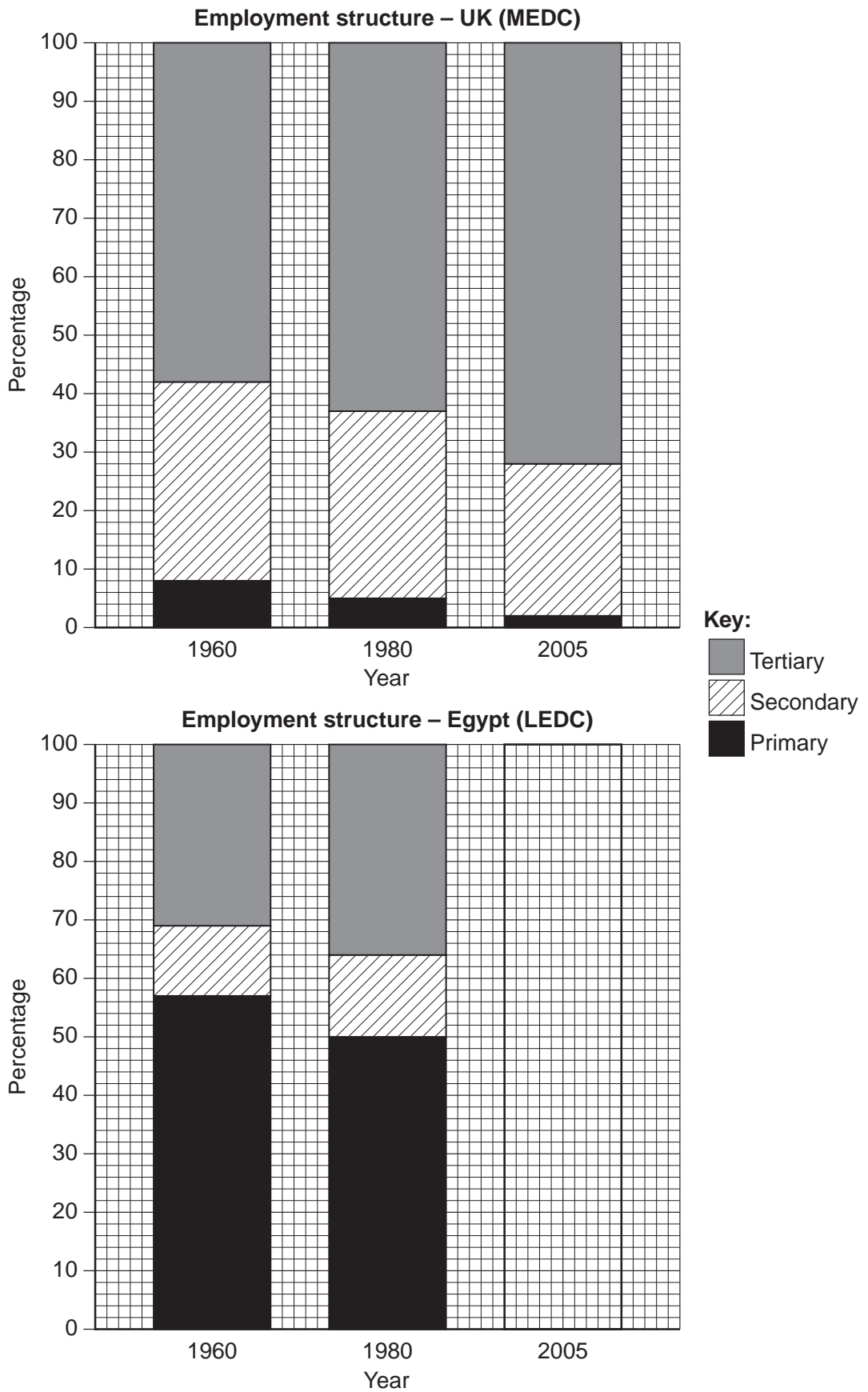


Fig. 3a Employment structure of two countries

(i) Complete the graph for Egypt using the following information:

Employment sector	Percentage of workforce in 2005
Primary	35
Secondary	25
Tertiary	40

[2]

(ii) Suggest **two** reasons for the decline in employment in secondary industries in the UK.

- 1
-
- 2
-[2]

(iii) Suggest **two** reasons for the increase in employment in tertiary industries in the UK.

- 1
-
- 2
-[2]

(b) Look at Photograph E in the Resource Booklet. It shows people working in an LEDC.

(i) In which employment sector are the people shown in the photograph working?
Circle your answer.

PRIMARY **SECONDARY** **TERTIARY** [1]

(ii) Suggest **two** reasons why many people in LEDCs do this type of job to earn money.

- 1
-
- 2
-[2]

(c) Electricity generation is an important industry in the UK.
Study Fig. 3b below.

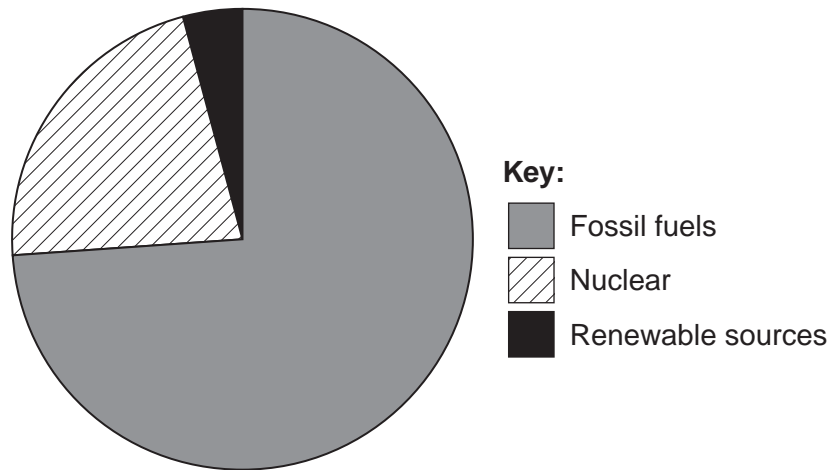


Fig. 3b Types of fuels used to generate electricity – 2004

(i) Name **one** fossil fuel used to generate electricity.
.....[1]

(ii) Give **two** problems of relying on fossil fuels to generate electricity in the future.
1
.....
2
.....[2]

(iii) Why is it difficult to develop renewable (sustainable) sources of energy in the UK?
.....
.....
.....
.....[2]

(d) Examples of how energy production can change are shown below.

**Nuclear power
station closed**

**New wind farm
constructed**

**Coal mine
closed**

Name an area you have studied in the UK or any other MEDC where one type of energy production has increased or declined.
Describe how this change has affected that local community.

Area studied:

Effects:

.....
.....
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.....[5]
[Total: 19]

4 (a) (i) What is a National Park?

Circle **one** answer.

An area with no buildings where the public can go wherever they want.

An area where the building of shops, hotels and factories is banned.

A protected area of scenic beauty, where people can enjoy outdoor leisure activities.

A coastal area with beaches, hotels and amusement parks. [1]

(ii) The Peak District is one National Park in the UK.

Name **two** other National Parks in England or Wales.

1

2 [2]

(b) Study Map F in the Resource Booklet. It shows part of the Peak District National Park. Also look at Photograph G which shows Tunstead limestone quarry. Tunstead quarry is marked on Map F .

(i) Use Map F to identify:

a settlement within 3 km of Tunstead quarry,

.....

two methods of transport which can be used to transport limestone from Tunstead quarry.

1

2 [3]

(ii) The quarry company has been given permission to increase the size of the quarry.

Describe **two** benefits of increasing the size of the quarry.

1

.....

2

..... [2]

(iii) Describe **three** ways in which increasing the size of the quarry may cause problems.

- 1
-
- 2
-
- 3
-[3]

(iv) Explain why large numbers of people visit National Parks such as the Peak District.

-
-
-
-
-
-
-[3]

(c) Land in National Parks is also used for settlement, farming, forestry, reservoirs and military use.

Name a National Park which you have studied.

Describe the conflicts between tourism and other land uses in this National Park.

Name of National Park

Conflicts

.....

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..... [5]

[Total: 19]

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