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General Certificate of Secondary Education
June 2003



GEOGRAPHY (SPECIFICATION A)
FOUNDATION TIER
Paper 2

3031/2F

Thursday 5 June 2003 1.30 pm to 3.00 pm

F

In addition to this paper you will require:

- Insert for use when answering Section C. You may use your calculator.

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For Examiner's Use			
Number	Mark	Number	Mark
1			
2			
3			
4			
5			
6			
Total (Column 1)		→	
Total (Column 2)		→	
TOTAL			
Examiner's Initials			

Time allowed: 1 hour 30 minutes

Instructions

- Use blue or black ink for written answers. You may use pencil for maps, diagrams and graphs.
- Fill in the boxes at the top of this page.

SECTION A Answer **one** question, **either:** Question 1
or Question 2

SECTION B Answer **one** question, **either:** Question 3
or Question 4

SECTION C Answer **one** question, **either:** Question 5
or Question 6

- Do all rough work in this booklet. Cross through any work you do not want marked.
- If you need extra paper use the Supplementary Answer Sheets.

Information

- The maximum mark for this paper is 75.
- Mark allocations are shown in brackets.
- You will be assessed on your ability to:
 - present relevant information in a form and style that suits its purpose;
 - ensure that text is legible and that spelling, punctuation and grammar are accurate;
 - use specialist vocabulary.
- LEDC is a Less Economically Developed Country.
- MEDC is a More Economically Developed Country.

SECTION A

Answer **one** question, **either** Question 1 **or** Question 2.

1 Population

Total for this question: 25 marks

(a) Study the following list of areas:

mountain range ☐

hot desert ☐

river valley ☐

industrial area ☐

(i) Tick the **two** areas that are most likely to have a **high** density of population. (2 marks)

(ii) For an area you have studied, explain why it has a **high** population density.

Name of area:

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(4 marks)

Study **Figure 1**, a map which shows the density of population in selected areas of the world.

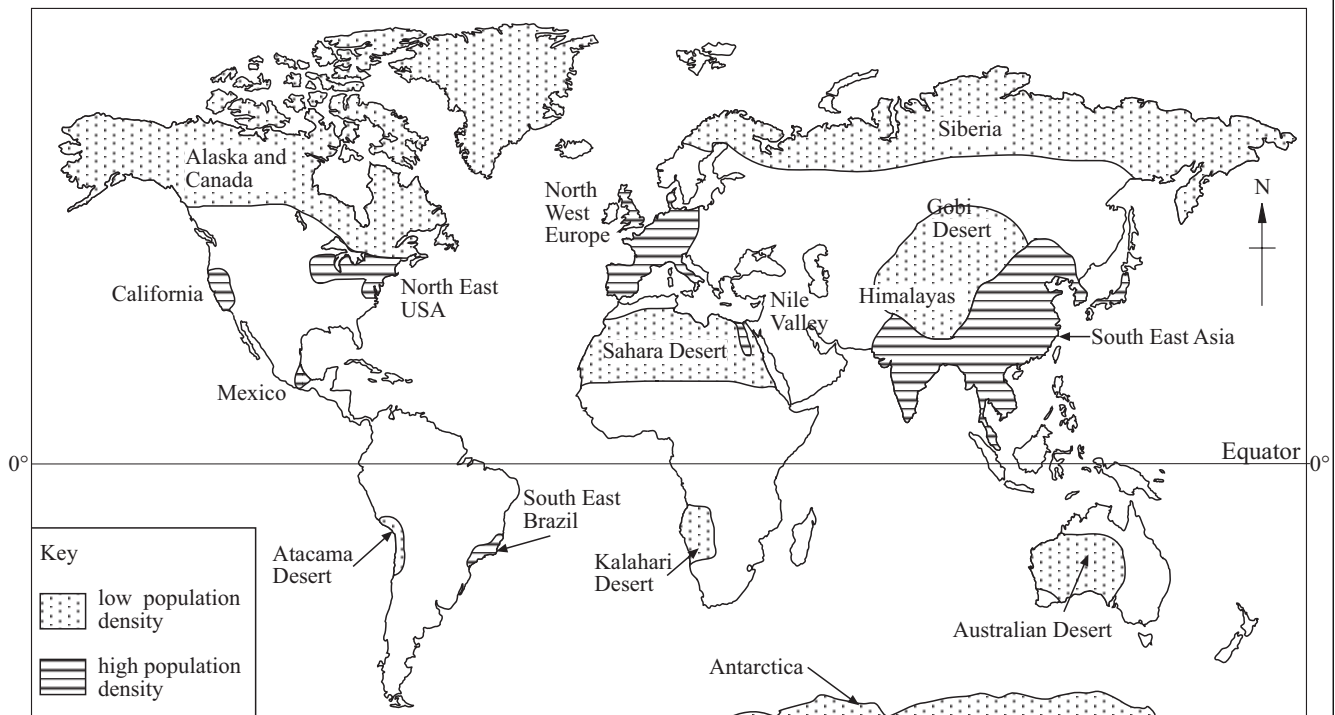


Figure 1

(b) Using **Figure 1**, fill in the gaps in the following sentences:

North West.....has a high population density. Another area with a high population density is

Alaska and Canada have apopulation density.

Most areas with a high population density are located north of the

(4 marks)

QUESTION 1 CONTINUES ON THE NEXT PAGE

Turn over ►

- (c) Study **Figure 2**, which provides information about birth rates, death rates and population changes in three countries.

Country	Birth Rate	Death Rate	Population Change
A	High	High	Little change
B	Low	High	
C	High	Low	

Figure 2

- (i) Complete the **Population Change** column for country B and country C by writing either “increase” or “decrease”. (2 marks)
- (ii) What does the term birth rate mean?

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(2 marks)

- (iii) Explain why some countries have a high birth rate.

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(4 marks)

- (d) Study **Figure 3**, which shows two population pyramids.

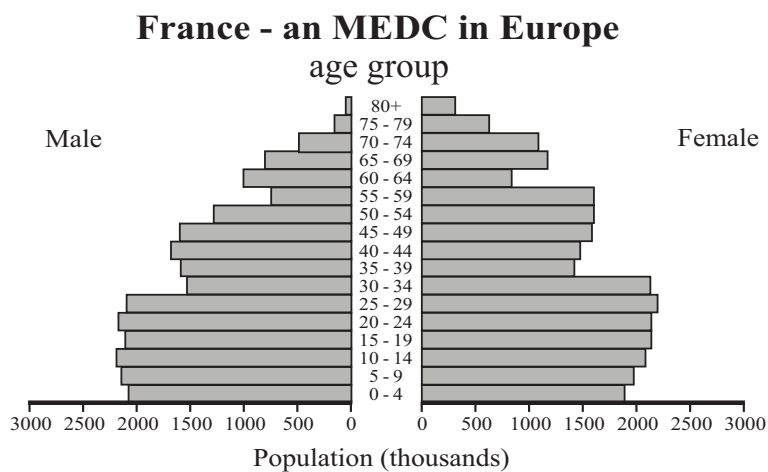
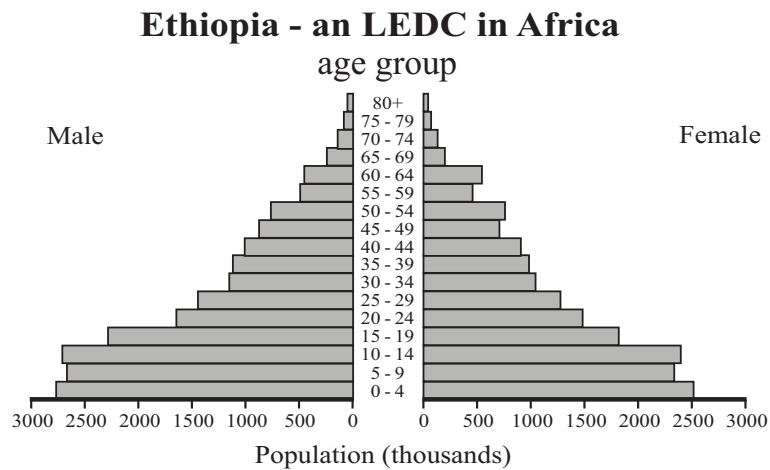


Figure 3

- (i) In the LEDC, which age group has the largest number of people?

(1 mark)

- (ii) Does the LEDC or the MEDC have more people over 60 years old?

(1 mark)

QUESTION 1 CONTINUES ON THE NEXT PAGE

Turn over ►

- (iii) In the European Union many countries have an ageing population.
What is an ageing population?

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(1 mark)

- (iv) Describe the problems that a country may face because of an ageing population.

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(4 marks)

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25

2 Settlement**Total for this question: 25 marks**

- (a) Study the following list about a large urban area in an MEDC:

large department store ☐

farm ☐

town hall ☐

reservoir ☐

- (i) Tick the **two** that are most likely to be found in a Central Business District (CBD).
(2 marks)

- (ii) For a CBD you have studied, explain the land uses found there.

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(4 marks)

QUESTION 2 CONTINUES ON THE NEXT PAGE

Turn over ►

- (b) Study **Figure 4**, a model of a large urban area in an MEDC.

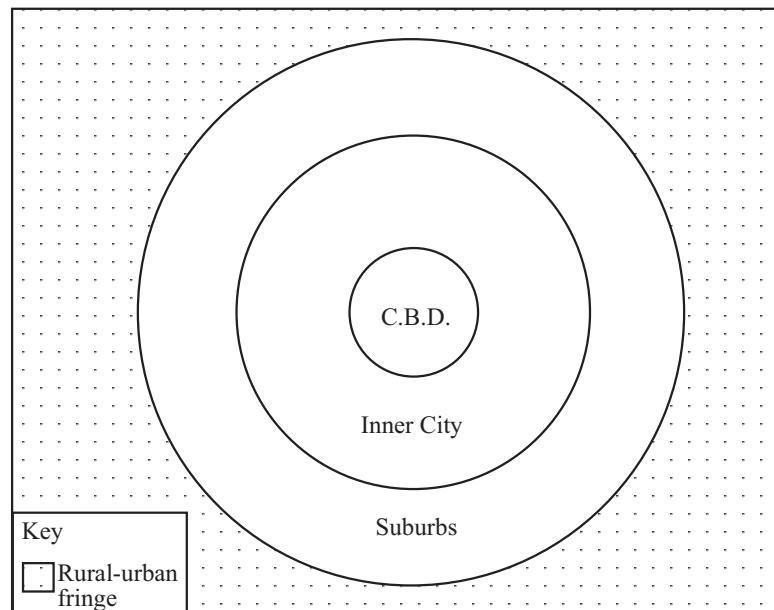


Figure 4

- (i) Using **Figure 4**, fill in the gaps in the following sentences:

In a large urban area, the is found in the centre. Near the edge of the large urban area are the In between the CBD and the suburbs is an area known as the Outside the large urban area is the (4 marks)

- (ii) State **two** features of suburbs.

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 (2 marks)

(c) Study **Figure 5**, a sketch map of the site of Lincoln.

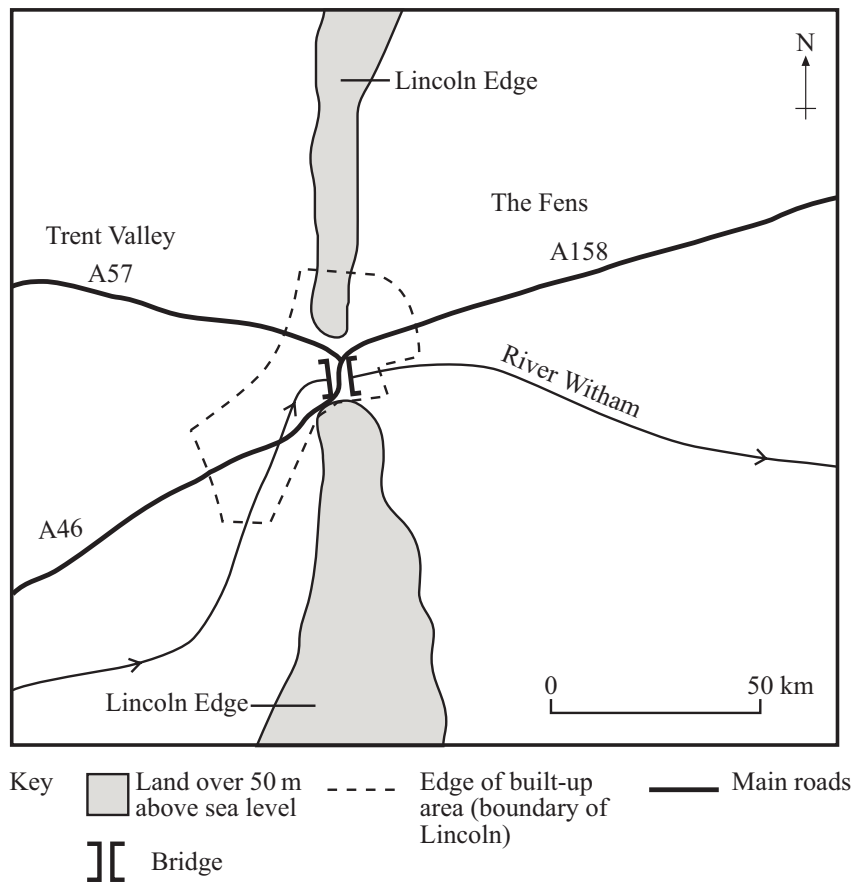


Figure 5

(i) Name the area which is over 50 m above sea level.

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(1 mark)

(ii) Suggest **two** reasons for the site of Lincoln.

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(2 marks)

QUESTION 2 CONTINUES ON THE NEXT PAGE

Turn over ►

- (d) Study **Figure 6**, a sketch map of part of a shanty town.

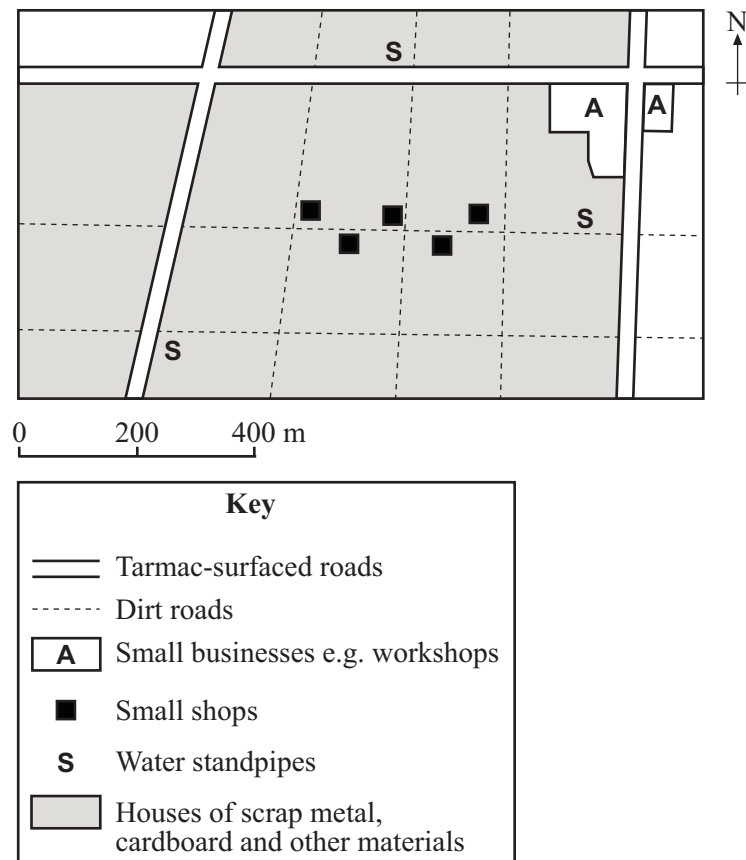


Figure 6

- (i) Using **Figure 6**, give **two** features which you would **not** expect to find within a city in an MEDC.

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(2 marks)

- (ii) Explain the problems of shanty towns.

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(4 marks)

- (iii) Using a scheme you have studied, describe how the problems of shanty towns may be eased.

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(4 marks)

END OF SECTION A

Turn over ►

SECTION B

Answer **one** question, **either** Question 3 **or** Question 4.

3 Agriculture

Total for this question: 25 marks

(a) Study the following list of farm products:

wheat ☐

milk ☐

eggs ☐

barley ☐

(i) Tick the **two** that are products of an arable farm.

(2 marks)

Study **Figure 7**, a photograph of arable farming.



Figure 7

(ii) Give **two** features of **arable** farming shown on **Figure 7**.

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(2 marks)

- (iii) Explain the meaning of the term mixed farming.

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(1 mark)

QUESTION 3 CONTINUES ON THE NEXT PAGE

Turn over ►

(b) Study **Figure 8**, a sketch map of East Anglia.

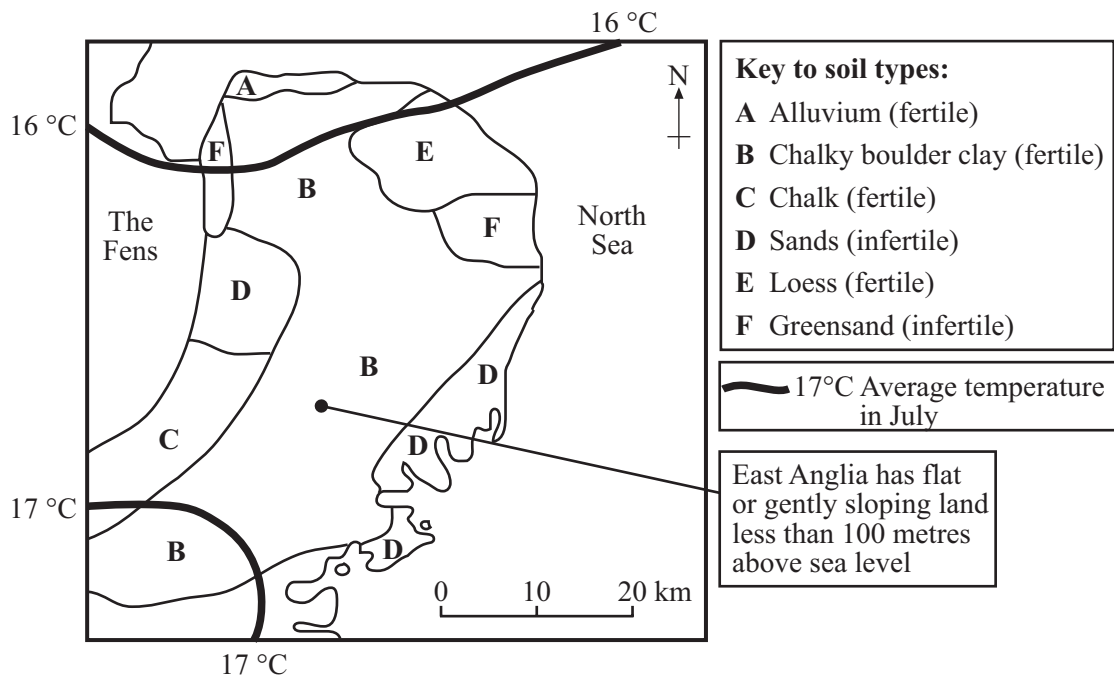


Figure 8

(i) Using **Figure 8**, which soil type covers the largest area?

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(1 mark)

(ii) Using **Figure 8**, suggest **two** reasons for the development of arable farming in East Anglia.

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(2 marks)

- (c) Study **Figure 9**, a diagram of some factors affecting farming.

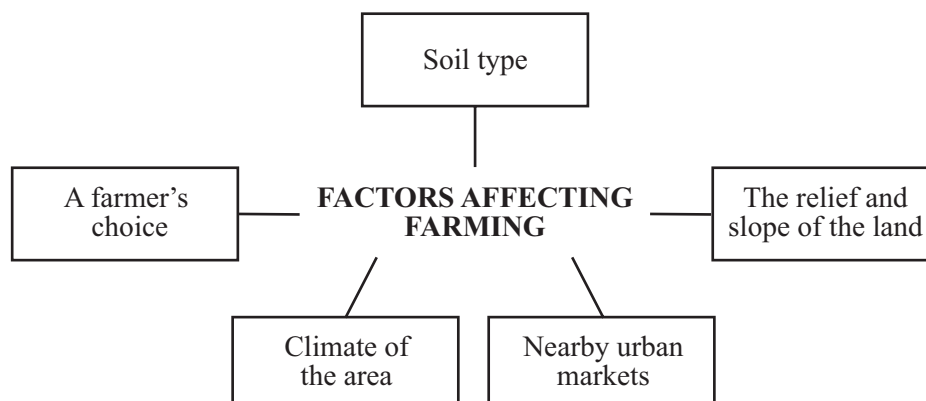


Figure 9

- (i) Complete the table below.

For **each** factor, tick **either** Column A **or** B to show whether it is a physical or a human factor. The first two have been done for you.

FACTOR	A Physical	B Human
A farmer's choice		✓
Soil type	✓	
Relief and slope of the land		
Climate of the area		
Nearby urban markets		

(3 marks)

QUESTION 3 CONTINUES ON THE NEXT PAGE

Turn over ►

- (ii) Explain how European Union policy affects farmers.

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(4 marks)

- (d) Study **Figure 10**, which shows the inputs and outputs of a farm in an **LEDC**.

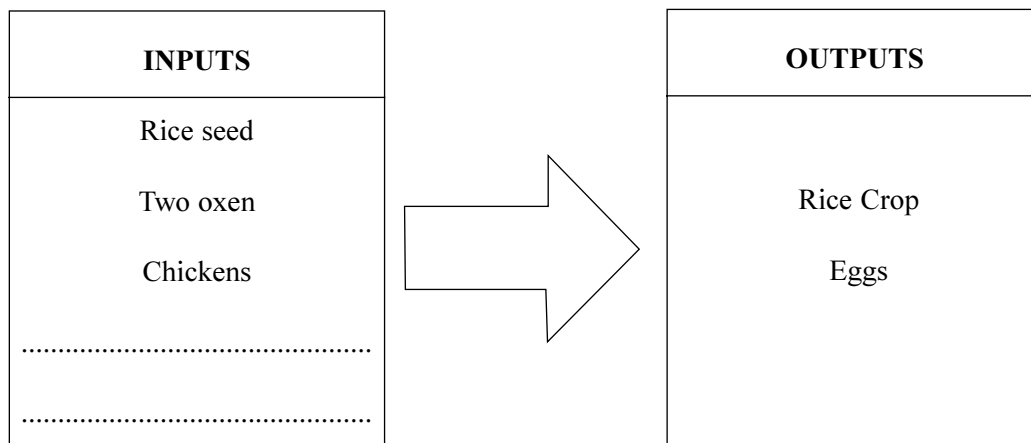


Figure 10

- (i) Complete the list of inputs in **Figure 10** by using **two** of the following:

Hand tools

Expensive machinery

Electricity

Much labour

(2 marks)

- (ii) Describe the main features of subsistence farming (e.g. shifting cultivation, intensive rice cultivation).

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(4 marks)

- (iii) Explain the problems of subsistence farming.

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(4 marks)

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4 Industry**Total for this question: 25 marks**

(a) Study the following list of industries:

iron ore mining ☐steel making ☐banking ☐dairy farming ☐(i) Tick the **two** that are examples of **primary** industry.

(2 marks)

Study **Figure 11**, a photograph of primary industry.**Figure 11**(ii) Give **two** features of primary industry shown on **Figure 11**.

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(2 marks)

(iii) Give **one** product which can be made using wood from forests.

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(1 mark)

- (b) Study **Figure 12**, a sketch map of Northern Italy showing information about industry.

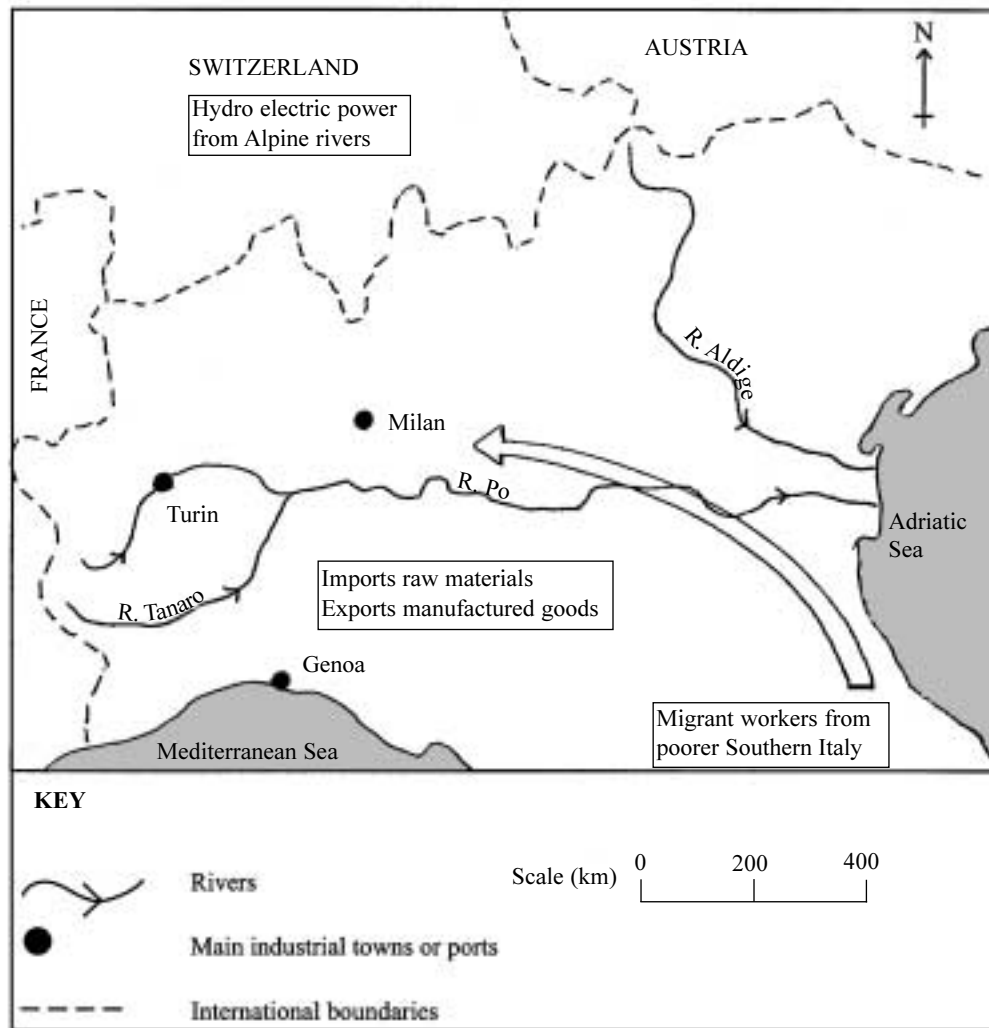


Figure 12

- (i) Name **one** river shown on the map.

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(1 mark)

- (ii) Suggest **two** reasons why industry has developed in Northern Italy.

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(2 marks)

QUESTION 4 CONTINUES ON THE NEXT PAGE

Turn over ►

(c) Study **Figure 13**, a diagram of some factors affecting where factories are located.

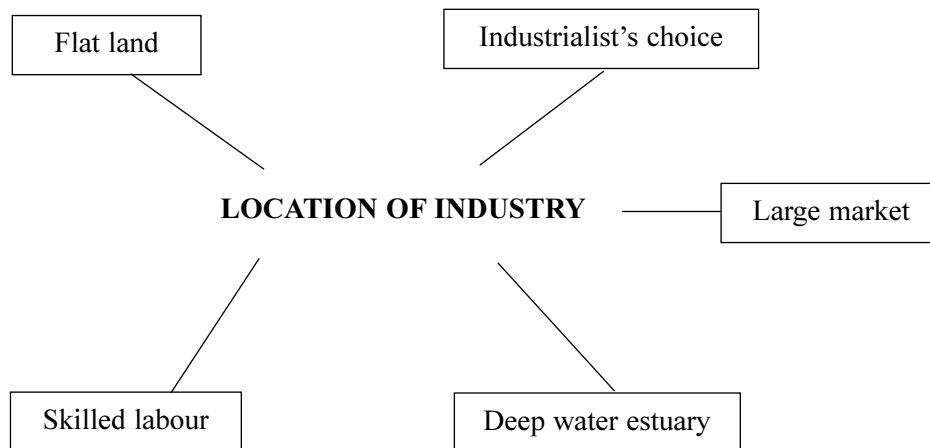


Figure 13

Complete the table below. For each factor, tick **either** column A **or** B to show whether it is a physical or human factor. The first two have been done for you.

FACTOR	A Physical	B Human
Industrialist's choice		✓
Deep water estuary	✓	
Skilled labour		
Flat land		
Large market		

(3 marks)

- (d) (i) Describe how industries sometimes pollute the environment.

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(4 marks)

- (ii) Describe how governments are trying to **reduce** pollution problems.

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(4 marks)

QUESTION 4 CONTINUES ON THE NEXT PAGE

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- (e) Study **Figure 14**, which shows the inputs and outputs of an industry in an **LEDC**.

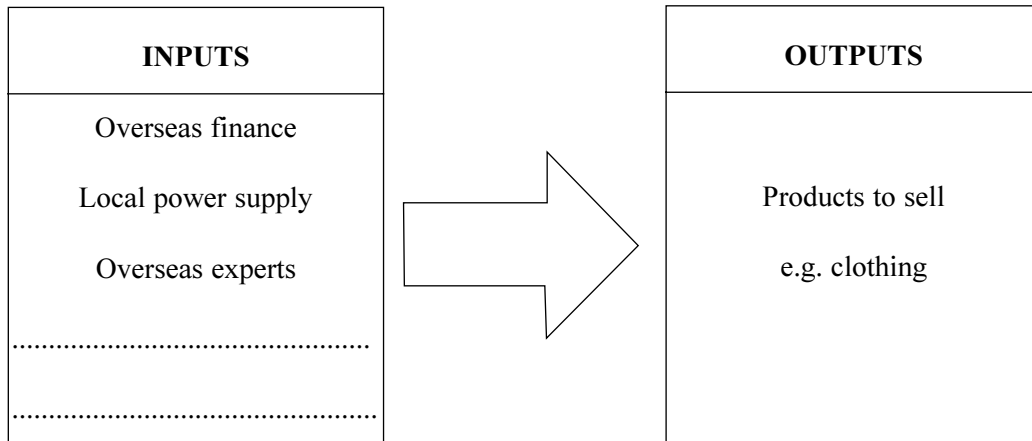


Figure 14

- (i) Complete the list of inputs in **Figure 14** by using **two** of the following:

Low wage labour

Local raw materials

Robot production system

Highly paid labour

(2 marks)

- (ii) Explain the advantages of Transnational Corporations (TNCs) for LEDCs.

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(4 marks)

END OF SECTION B

SECTION C

Answer **one** question, **either** Question 5 **or** Question 6.

5 Managing resources

Figure 15 is not included due to third-party copyright constraints.

Total for this question: 25 marks

(a) Study **Figure 15**, on the insert, which shows information about tourism in Kenya.

(i) Using **Figure 15**, give **three physical** features which may attract tourists.

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(3 marks)

(ii) Using **Figure 15**, give **one** facility which has been built for tourists.

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(1 mark)

(iii) Using **Figure 15**, describe the types of holiday tourists may enjoy in Kenya.

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(4 marks)

QUESTION 5 CONTINUES ON THE NEXT PAGE

Turn over ►

(1 mark)

(4 marks)

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(2 marks)

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(1 mark)

- (ii) For **one** type of renewable energy you have studied, explain its location.

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(3 marks)

- (iii) Using renewable energy is one way of saving resources. There are **other** ways of making the earth's resources last longer. Explain these.

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(6 marks)

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Figure 16 is not included due to third-party copyright constraints.

Total for this question: 25 marks

- (a) Study **Figure 16**, on the insert, which gives information about Kenya's trade.

- (i) What is Kenya's main import?

(1 mark)

- (ii) What is Kenya's main export crop?

(1 mark)

- (iii) Which country is Kenya's main trading partner?

(1 mark)

- (iv) Which African country does Kenya trade with?

(1 mark)

- (v) How are Kenya's imports and exports typical of an LEDC?

(4 marks)

- (b) Study **Figure 17**, a table of data about two countries.

Country	Measures of Development			
	Birth Rate (per 1000)	Death Rate (per 1000)	Adult Literacy (%)	Food Intake (calories per day)
Afghanistan	50	22	29	1,500
Japan	10	8	99	2,900

Figure 17

- (i) What does literacy mean?

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(1 mark)

- (ii) Which country on **Figure 17** is an MEDC?

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(1 mark)

- (iii) Using **Figure 17**, explain your choice for the MEDC.

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(4 marks)

Turn over ►

- (c) (i) What is meant by the term appropriate technology?

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(1 mark)

- (ii) Give **two** reasons why water may **not** be clean in LEDCs.

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(2 marks)

- (iii) Water is sometimes in short supply in LEDCs.

Give **one** reason for this.

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(2 marks)

- [illegible]

25

Question 1: Figure 3: Understanding GCSE Geography (2): Ann Bowen & J Pallister: Heinemann - diagram taken from UN Demographic Year Book

Question 3: Figure 7: Spectrum Colour Library

Question 4: Figure 11: Nigel Dickinson at Still Pictures