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Centre Number		Candidate Number	
Candidate Signature			

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General Certificate of Secondary Education
June 2006

GEOGRAPHY (SPECIFICATION C)
Foundation Tier
Paper 2

3033/2F
F



Monday 12 June 2006 1.30 pm to 3.15 pm

For this paper you must have:

- the Ordnance Survey map extract (enclosed)

You may use a calculator.

Time allowed: 1 hour 45 minutes

Instructions

- Use blue or black ink or ball-point pen. You may use pencil for maps, diagrams and graphs.
- Fill in the boxes at the top of this page.
- Answer **all** questions in the spaces provided.
- Do all rough work in this book. Cross through any work you do not want marked.

Information

- The maximum mark for this paper is 80.
- The marks for questions are shown in brackets.
- You are reminded of the need for good English and clear presentation in your answers. All questions should be answered in continuous prose. Quality of Written Communication will be assessed in all answers.
- LEDC is a Less Economically Developed Country.
- MEDC is a More Economically Developed Country.

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

Answer **all** questions.

Total for this question: 20 marks

1 MANAGING CHANGE IN THE HUMAN ENVIRONMENT

- (a) Study **Figure 1** which shows the age structure of the population of Germany (an MEDC) in 2000 and 2025 (estimated).

Figure 1

Figure 1, Population Pyramids, has not been reproduced here due to third-party copyright constraints.

- (i) How many of Germany’s female population were aged 35 to 39 years in 2000?
Tick the correct box.

1.5 million	<input type="checkbox"/>
2.5 million	<input type="checkbox"/>
3.5 million	<input type="checkbox"/>
4.5 million	<input type="checkbox"/>

(1 mark)

- (ii) Using **Figure 1**, complete the passage below which describes likely changes to Germany’s population structure between 2000 and 2025.
Choose the **three** correct answers from the list below.

- | | | |
|---------------|-----------------|------------------------|
| male | increase | 0 and 39 years |
| female | decrease | 50 and 59 years |

The total number of people aged between will decrease.

The total number of people aged 65 and over will

Approximately one million of the population will be aged 90 years and over in 2025.

(3 marks)

- (b) Germany is an example of a country with an ageing population. Describe the problems this may cause.

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(4 marks)

(c) Study **Figure 2**, the Ordnance Survey map extract.

- (i) Give the four-figure grid reference for Horwich End (in the south-western corner of the map).

.....
(1 mark)

- (ii) Complete the following table by drawing and giving the meaning of the symbol found at each of the grid references.

Six-figure grid reference	Symbol	Meaning
028814		Wood
085803		
135845		
122854		

(3 marks)

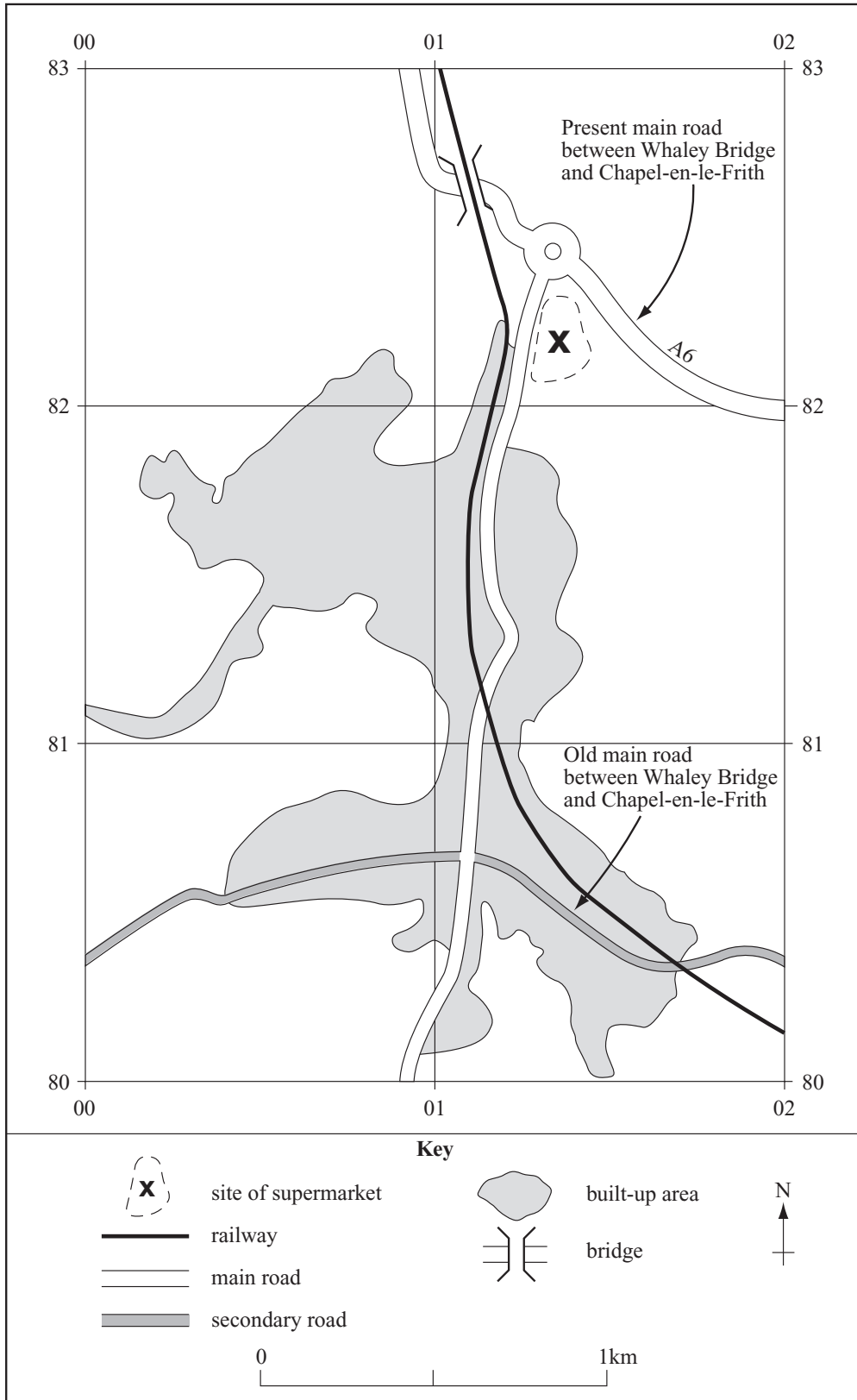
(d) (i) Using **Figure 2**, the Ordnance Survey map extract, mark and label the following features on the grid in **Figure 3**.

Toddbrook reservoir

The camping/caravan site

Whaley Bridge station

Figure 3



(3 marks)

- (ii) Give **one** reason why a road such as the A6, which links Whaley Bridge and Chapel-en-le-Frith, may help to relieve traffic congestion in these town centres.

.....
.....

(1 mark)

- (iii) A new, large, supermarket has been built at grid reference 013822 on **Figure 2**, the Ordnance Survey map extract. This is also marked as site **X** on **Figure 3**. Explain why this is a good location for a development such as this.

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(4 marks)

20

Total for this question: 30 marks

2 MANAGING THE PHYSICAL ENVIRONMENT

(a) Study Figure 4, a table that shows food consumption.

Figure 4

	1965	1985	2000	2015 (estimated)
World average	2 358	2 655	2 803	2 940
MEDCs	2 947	3 206	3 380	3 440
LEDCs	2 054	2 450	2 681	2 850

Food consumption (kcal per person/per day)

(i) What has happened to world average food consumption between 1965 and 2000?

.....

.....

(1 mark)

(ii) Give one difference between food consumption in LEDCs and that in MEDCs.

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(1 mark)

(b) Give three effects that food shortages may have on people in LEDCs.

1

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2

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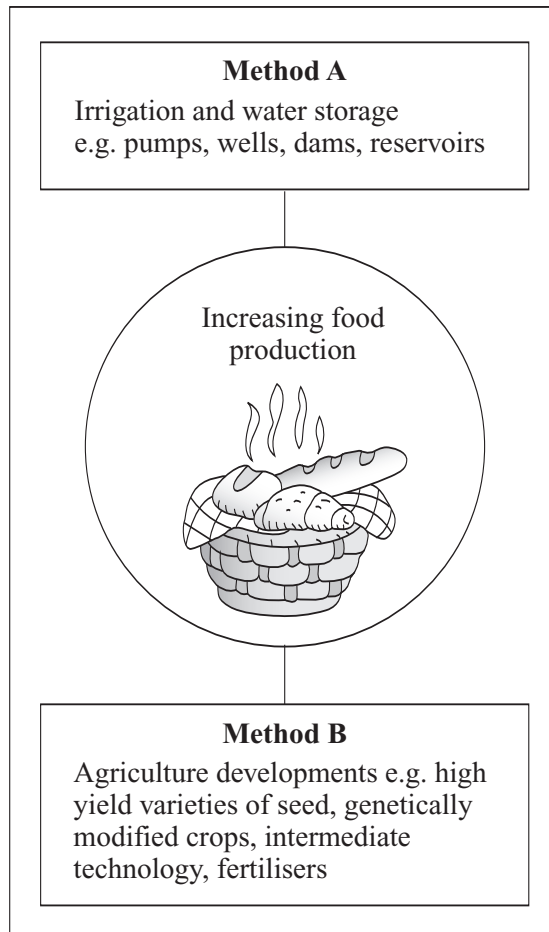
3

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(3 marks)

(c) Study **Figure 5** which shows methods of increasing food production.

Figure 5



Choose **either** Method A **or** Method B. Explain how it may help to increase food production.

Method

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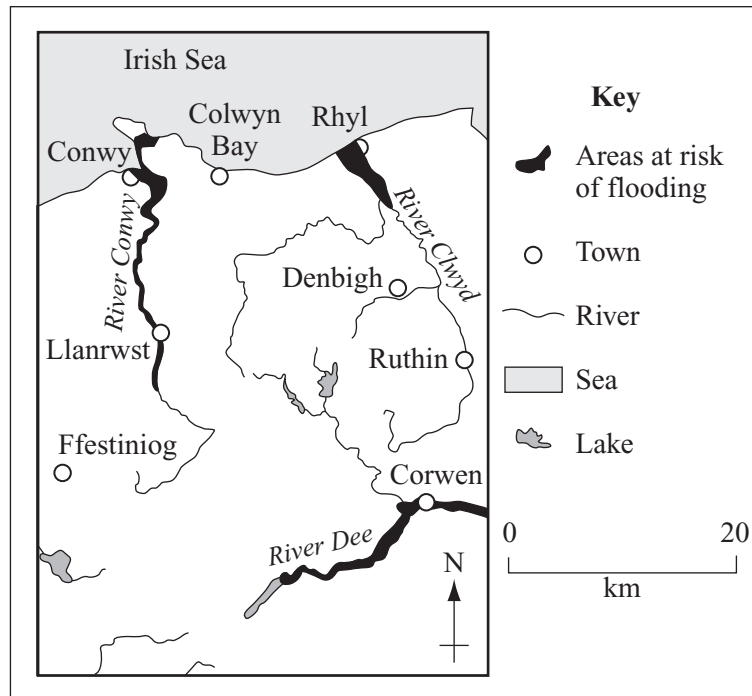
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(4 marks)

- (d) Study **Figure 6**, a map of areas in North Wales at risk of flooding.

Figure 6



- (i) Name **one** river in North Wales at risk of flooding.

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(1 mark)

- (ii) Name **one** town in North Wales at risk of flooding.

.....
(1 mark)

Question 2 continues on the next page

(e) Study **Figure 7**, two accounts of the weather in Wales in January and February 2004.

Figure 7


26th to 28th January After a rather cold, cloudy day on the 26th a cold air stream passed over Wales. This produced a sudden drop in temperature and a period of heavy snow, which, in many places, settled quickly e.g. in North Wales the snow was 15 cm deep in places.

Met Office warns of gales and heavy rain

On 2nd February 2004, there was a rise in temperature across Wales.

The Environment Agency Wales issued a total of 25 Flood Warnings across Wales as rivers rose.

In some places 170 mm of rain fell in 24 hours.



Suggest **two** reasons why flooding occurred in North Wales in February 2004.

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(4 marks)

(f) Study **Figure 2**, the Ordnance Survey map extract.

(i) Tourists often visit the area shown on the Ordnance Survey map extract. List **three natural** features in the area which would attract tourists.

Feature 1

Feature 2

Feature 3

(3 marks)

(ii) For **one** of the features given in (f) (i) above, state a reason why tourists would be attracted to it.

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(1 mark)

(g) For a natural feature that you have studied, explain how it was formed. You may use a diagram(s).

Feature:

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(4 marks)

Question 2 continues on the next page

(h) Study **Figure 2**, the Ordnance Survey map extract.

(i) Castleton (1582) is a tourist honeypot. What is meant by a ‘honeypot’?

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(1 mark)

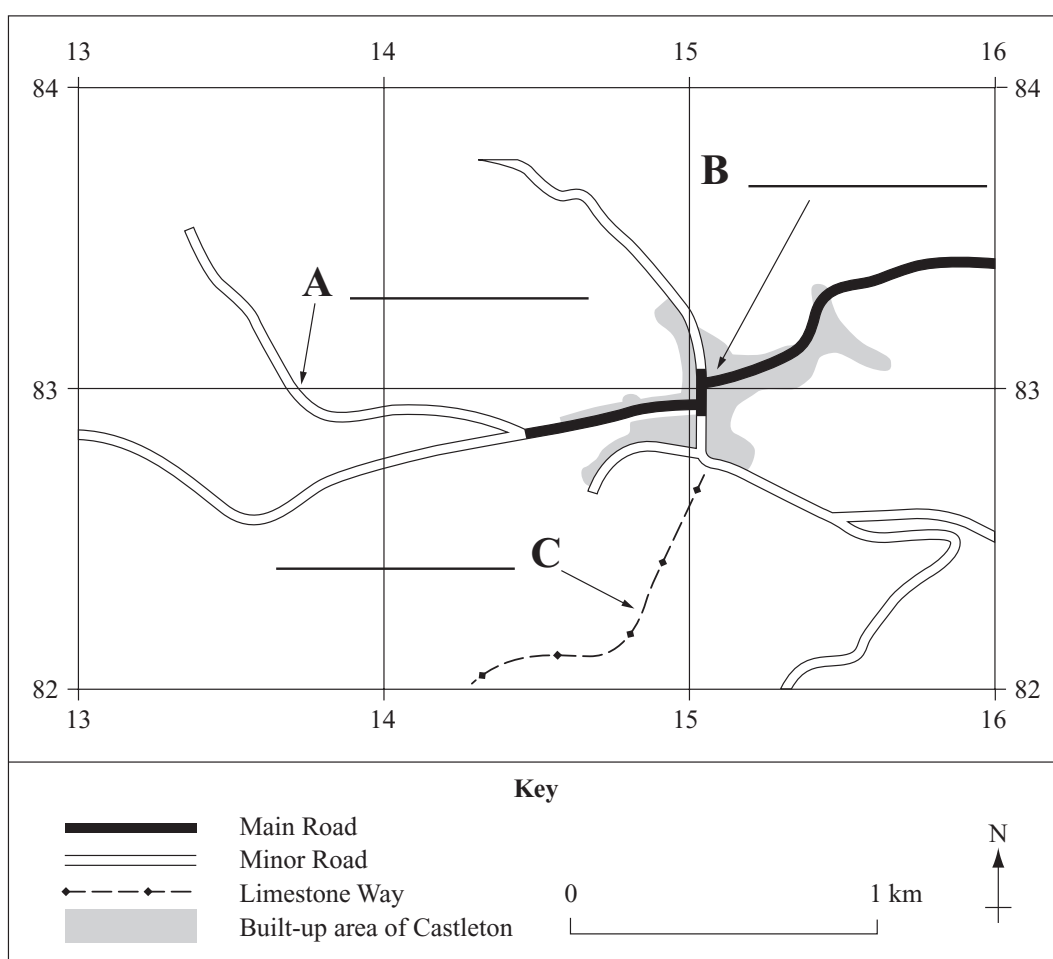
(ii) On **Figure 8**, label the points (A, B and C) to show where each of the following problems may occur.

Footpath erosion

Parking on grass verge

Traffic congestion

Figure 8



(2 marks)

(iii) Choose **one** of the problems shown in **Figure 8**. Suggest how it may be managed.

Problem:

How it may be managed:

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(4 marks)

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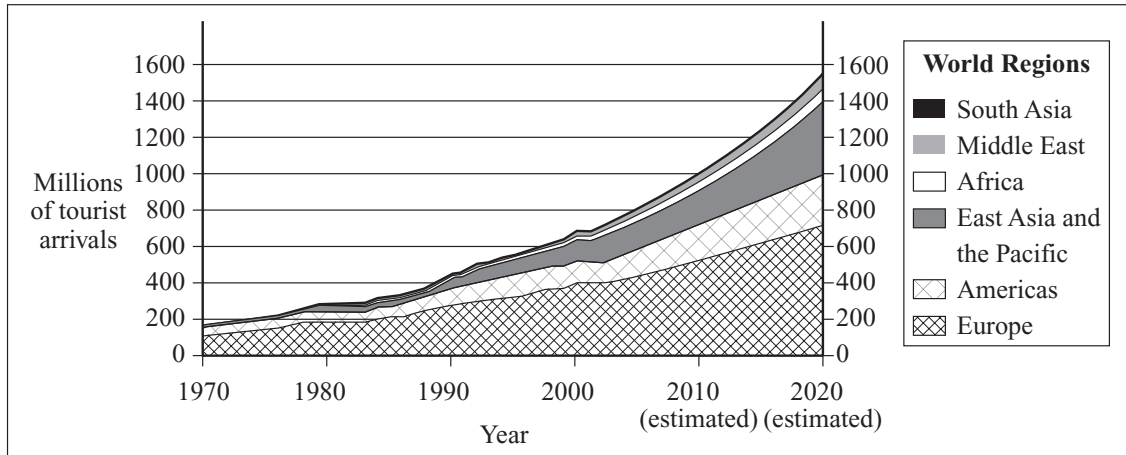
Turn over for the next question

Total for this question: 30 marks

3 MANAGING ECONOMIC DEVELOPMENT

- (a) Study **Figure 9** which shows the number of tourists arriving in different regions of the world.

Figure 9



- (i) What is expected to happen to the total number of tourist arrivals after 2005?

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(2 marks)

- (ii) In which region of the world did most tourist arrivals take place in 2005?

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(1 mark)

(iii) Suggest reasons for the changes in tourist arrivals.

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(4 marks)

(iv) Which **four** of the following statements are **advantages** that tourism brings to a country? Tick the correct boxes.

1. Tourist spending creates jobs.
2. Tourism can lead to over-reliance on one industry.
3. Tourist jobs are seasonal.
4. Tourism can help to keep traditional customs alive.
5. Tourism leads to the development of new roads and airports.
6. Tourist-related earnings can be taxed by the government.
7. Tourism can create conflict between different groups of people.

(4 marks)

Question 3 continues on the next page

- (v) Describe the damaging effects that tourism may have on the environment in LEDCs.

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(4 marks)

- (b) Study **Figure 10** which shows estimated oil reserves in some countries of the world.

Figure 10

Figure 10, estimated oil reserves bar chart, has not been reproduced here due to third-party copyright constraints.

- (i) How many countries, shown in **Figure 10**, have estimated oil reserves of less than 100 billion barrels?

.....
(1 mark)

- (ii) Name the country that has the largest estimated oil reserves.

.....
(1 mark)

- (c) Why are fuels such as oil regarded as 'non-renewable'?

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(2 marks)

- (d) Which **three** of the following resources are 'renewable'?
Tick the correct boxes.

- | | |
|-------------------------|--------------------------|
| 1. Natural gas | <input type="checkbox"/> |
| 2. Solar power | <input type="checkbox"/> |
| 3. Wind power | <input type="checkbox"/> |
| 4. Coal | <input type="checkbox"/> |
| 5. Nuclear power | <input type="checkbox"/> |
| 6. Hydro-electric power | <input type="checkbox"/> |

(3 marks)

Question 3 continues on the next page

- (e) Study **Figure 11**, the impact of oil on the economy of Venezuela (an LEDC).

Figure 11

Figure 11 has not been reproduced here due to third-party copyright constraints.

Complete the passage below by circling the correct word from those in each bracket.

Venezuela relies heavily on (**primary/secondary/tertiary**) products, such as oil. Oil is (**imported/produced/exported**) to other countries, in order to raise income for Venezuela.

(2 marks)

- (f) Give **two** problems caused by the burning of fossil fuels such as oil.

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(2 marks)

(g) Explain how the use of non-renewable natural resources, such as oil, may be reduced.

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(4 marks)

30

END OF QUESTIONS

There are no questions printed on this page

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Question 3, Figure 9, World Tourism Organisation

Question 3, Figure 10, Source msnbc

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