

Surname		Other Names	
Centre Number		Candidate Number	
Candidate Signature			

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General Certificate of Education  
June 2007  
Advanced Level Examination



**GEOGRAPHY (SPECIFICATION A) GGA5**  
**Unit 5 Challenge and Change in the Human Environment**

Tuesday 12 June 2007 1.30 pm to 3.00 pm

**You will need no other materials.**  
You may use a calculator.

Time allowed: 1 hour 30 minutes

**Instructions**

- Use blue or black ink or ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **three** questions in the spaces provided: **two** from **Section A** and **one** from **Section B**.
- Do all rough work in this book. Cross through any work you do not want to be marked.

**Information**

- The maximum mark for this paper is 90.
- Each question in Section A is worth 15 marks.
- Each question in Section B will be marked out of 30 and multiplied by 2 to give a mark out of 60.
- The marks for questions are shown in brackets.
- Section B of this unit assesses your understanding of the relationship between the different aspects of Geography.
- You are expected to use a calculator where appropriate.
- You will be marked on your ability to use an appropriate form and style of writing, to organise relevant information clearly and coherently, and to use specialist vocabulary where appropriate. The legibility of your handwriting and the accuracy of your spelling, punctuation and grammar will also be considered.

**Advice**

- Where appropriate, sketch maps and diagrams should be used to illustrate answers and reference made to examples and case studies.
- You are advised to spend about 30 minutes on Section A and about 60 minutes on Section B.

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Question	Mark	Question	Mark
1		4	
2		5	
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Total (Column 1) →			
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**SECTION A**

Answer **two** questions from this section.

**1 POPULATION PRESSURE AND RESOURCE MANAGEMENT**

**Total for this question: 15 marks**

Study **Figure 1** which illustrates oil reserves and consumption in 2002 for selected regions.

**Figure 1**

<b>Reserves by rank (Millions of barrels)</b>		<b>Consumption by rank (Millions of barrels per day)</b>	
Middle East	708 463	North America	23.97
North America	228 986	Rest of Asia	19.73
South America	86 150	Europe	10.19
Rest of Asia	82 910	Middle East	2.53
Africa	38 612	South America	2.12
Europe	9 947	Africa	(Less than 1)
<b>Total</b>	<b>1 155 068</b>	<b>Total (excluding Africa)</b>	<b>58.54</b>

- (a) What does **Figure 1** suggest about the consumption of oil in relation to reserves?

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(4 marks)

(b) Outline potential environmental impacts of extracting **one** non-renewable resource such as oil.

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*(4 marks)*

(c) With reference to **one or more** case studies, examine the extent to which **either** water **or** timber exploitation is being managed sustainably.

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*(7 marks)*

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2 MANAGING CITIES – CHALLENGES AND ISSUES

Total for this question: 15 marks

Study **Figure 2** which shows the main shopping street in Runcorn town centre at 2 pm on a Saturday in August 2005.

Figure 2



(a) In what ways does **Figure 2** indicate that the town centre of Runcorn is in decline?

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(4 marks)

(b) Outline factors which have contributed to the decline of town centres such as that shown in **Figure 2**.

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*(4 marks)*

(c) With reference to **one or more** case studies, evaluate the success of measures to regenerate urban central areas in the UK.

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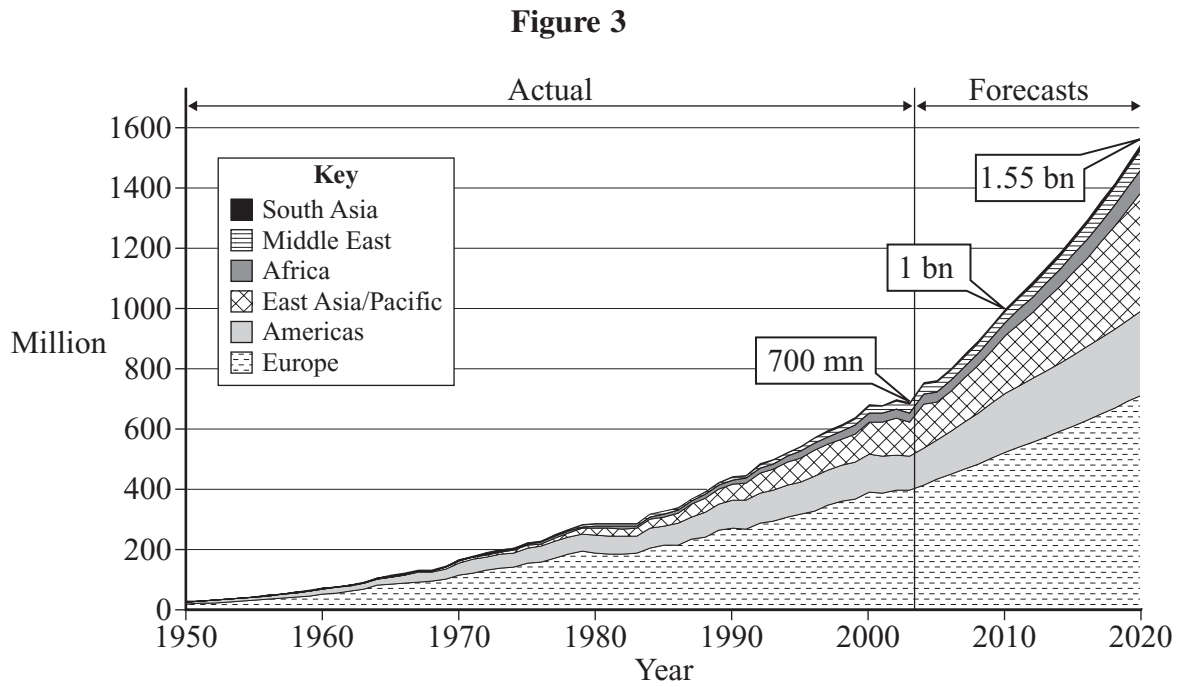
*(7 marks)*

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3 RECREATION AND TOURISM

Total for this question: 15 marks

Study **Figure 3** which shows actual and forecast changes in global tourist arrivals between 1950 and 2020.



(a) Describe the forecasts suggested in **Figure 3**.

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(4 marks)

(b) Outline factors which may account for the forecast for Africa in **Figure 3**.

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(4 marks)

(c) Many countries in the LEDW have chosen to promote tourism as a means to stimulate national development around growth poles. With reference to **a named country**, outline and justify such a strategy.

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(7 marks)

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**SECTION B**

Answer **one** question from this section.

**Total for this question: 30 marks**

**Note to candidate**

You should bear in mind that Essay Questions 4, 5 and 6 are synoptic in nature. In your response to these questions, you are required to show your knowledge and understanding of different aspects of geography, the connections between these different aspects and, where relevant, of human perspectives upon geographical themes and issues.

- 4** The increasing range and severity of environmental problems facing different parts of the world are directly attributable to human population growth. How far do you agree with this view?  
*(30 marks)*
- 5** Problems in LEDW cities are so different from those in MEDW cities that their solutions require completely different approaches. To what extent do you agree with this view?  
*(30 marks)*
- 6** The social and environmental costs of tourism far outweigh any benefits. To what extent do you agree with this view?  
*(30 marks)*

**END OF QUESTIONS**





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Question 3 Figure 3: Luigi Cabrini, *Tourism in the World: A Vision for the Future*, World Tourism Organisation, 2005

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