

Advanced Subsidiary GCE GEOGRAPHY A

The Human Environment

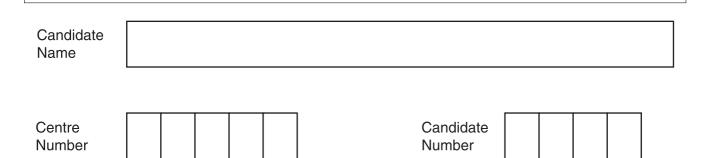
MONDAY 15 JANUARY 2007

An Insert is enclosed with this question paper.

2681

Morning

Time: 1 hour



INSTRUCTIONS TO CANDIDATES

- Write your name, Centre Number and Candidate number in the boxes above.
- Answer all the questions.
- Use blue or black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Do not write in the bar code.
- Do **not** write outside the box bordering each page.
- 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 Insert contains maps and diagrams for use with questions.
- The total number of marks for this paper is 75.
- You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing.
- Even where not specifically asked for, credit will be given for sketch maps and diagrams, provided they illustrate your answer.

For Exam	iner's Use
Qu.	Mark
1	
2	
3	
Total	

This	document	consists	of 8	printed	pages	and	an	Insert.

SP (DR/DR) T25535/3 © OCR 2007 [F/100/3524] OCR is an exempt Charity **[Turn over**

Population

(a)		dy Fig. 1 which shows the infant mortality rate and the Gross National Product (GNP) per ita of selected countries in 2005.
	(i)	What is meant by the term 'infant mortality rate'?
		[2]
	(ii)	Describe the relationship shown in Fig. 1.
		[4]
	(iii)	Suggest two reasons for the variation in infant mortality rates shown in Fig. 1.
		[6]
(b)	Wh.	at is meant by the term 'international migration'?
		[2]

(c)	Describe and explain the consequences of international migration. Refer to a named country or countries.
	[10]
	[Total: 24]

Rural Settlement

2

	ch shows the location of this area in North Wales.
(a)	What is meant by the term 'settlement hierarchy'?
	[2]
(b)	With specific reference to Fig. 2 describe the distribution of shops and services.
	[6]
(c)	Suggest two reasons for the variation in the distribution of shops and services in Fig. 2.
	[6

(d)	in F	nrwst is a rural market town in the upper Conwy basin. Using only the evidence provided Fig. 2, state and explain two factors which might influence the size and / or shape of nrwst's trade area.
		[6]
(e)	Nati	machno is a village located in the picturesque Machno Valley within the Snowdonia ional Park (see Fig. 2); it has experienced a decline in centrality over the last 40 years. What is meant by the term 'centrality'?
	()	
		[2]
	(ii)	In Penmachno, during this period, the number of dwellings has increased but the number of shops has decreased (Penmachno's last shop closed in 2001).
		Suggest one reason for the decrease in the number of shops.
		[3]
		[Total: 25]

Urban Settlement

3

3	(a)	inco	dy Fig. 4, which shows the percentage of adult population receiving an annual personal me of over \$30,001 in Christchurch, New Zealand and Fig. 5 which shows wards and use for the same area.
		Chri	stchurch is a city of 320,000 people.
		(i)	Describe the pattern shown on Fig. 4.
			[4]
		(ii)	With the aid of Fig. 5, state and explain two possible reasons for this pattern.

(b)	Suggest MEDCs.	two	reasons	for t	he spa	tial se	gregatio	on of	ethnic	minority	groups	in	cities in	ı
													[6]	

© OCR 2007 [Turn over

popu	lation	change	on th	ne env	rironm	nent.					

[Total: 26]

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (OCR) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

OCR is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.