

General Certificate of Secondary Education
Geography B
Unit B561: Sustainable Decision Making
Specimen Paper

F

B561

Time: 1 hour

Candidates answer on the question paper.
Additional materials: Resource Booklet

Candidate
Forename

Candidate
Surname

Centre
Number

--	--	--	--	--

Candidate
Number

--	--	--	--

INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use 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.
- Answer **all** the questions.
- Do not write in the bar codes.
- 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 total number of marks for this paper is 40.
- You will be awarded marks in questions 4 and 5(a) for the quality of written communication of your answer.

FOR EXAMINER'S USE	
A	
B	
C	
TOTAL	

This document consists of **7** printed pages and **1** blank page.

Section A – The Background

Answer **all** questions.

1 Study **Resource 1** in the Resource Booklet.

(a) (i) Which megacity had the largest population in 2007?
..... [1]

(ii) Which megacity is predicted to have the largest increase in population by 2025?
..... [1]

(b) Which megacity will have the worst quality of life?

Use **two** pieces of evidence from **Resource 1** to explain your choice:

Evidence 1

.....

.....

Evidence 2

.....

..... [4]

2 Study **Resource 2** in the Resource Booklet.

Describe and explain **two** problems created by too much traffic in cities.

Problem 1:

.....

.....

Problem 2:

.....

..... [4]

Section A total [10]

Section B – the Options

Answer **all** questions.

3 Suggest and explain **three** ways in which ‘Cities for People’ are more sustainable than ‘Cities for Cars’.

Way 1:

.....

Explanation:

.....

.....

Way 2:

.....

Explanation:

.....

.....

Way 3:

.....

Explanation:

.....

.....

..... [6]

SPECIMEN

4 Study **Resource 3** in the Resource Booklet.

Greenwich Millennium Village is a planned sustainable urban settlement.

Identify and explain **one** advantage and **one** disadvantage of living in Greenwich Millennium Village for **one** of the following groups of people:

EITHER:

Families with young children

OR

Retired people living alone

Chosen group

Advantage

.....

.....

.....

.....

.....

Disadvantage.....

.....

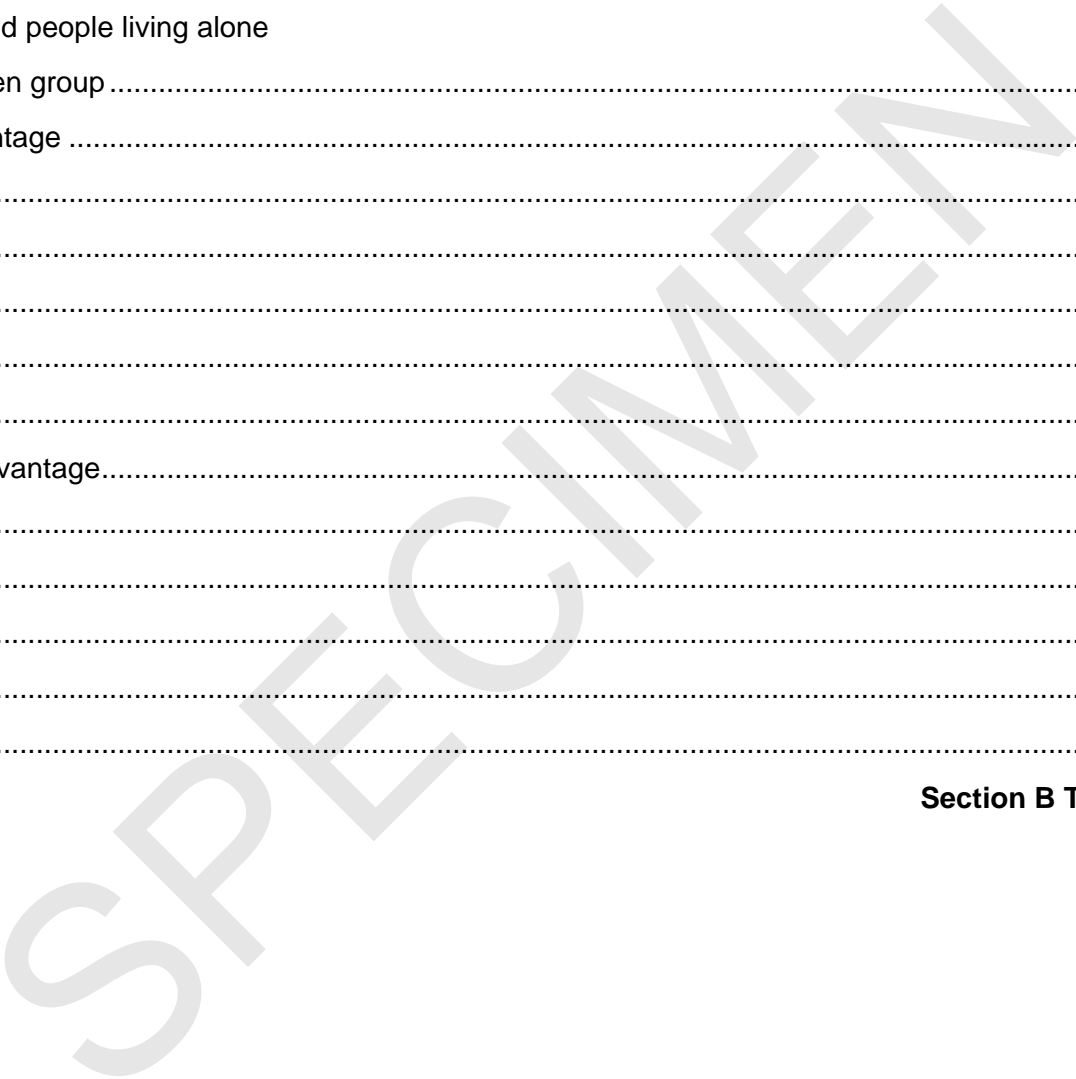
.....

.....

.....

..... [8]

Section B Total [14]



Section C – The Decision

Answer **all** questions.

- 5** Study **Resource 4** and **Resource 5** in the Resource Booklet, use relevant ideas from the other resources and your own knowledge for this question.

The rapid growth of Rio de Janeiro has created problems which have a negative effect on the quality of life of many of the people who live there.

The Brazilian Government need to find a sustainable solution to the problems caused by rapid growth and possible future growth of Rio de Janeiro.

There are **three** possible options to choose from:

Option 1

Support self-help schemes in favelas such as Rocinha. Providing building materials, equipment, training and support to improve housing conditions. Improve basic services such as electricity, clean water, sanitation, family planning, health care and education.

Option 2

Discourage rural-urban migration to Rio de Janeiro by investing money in better services in rural areas and smaller towns.

Option 3

Encourage the better off to move out to edge cities such as Barra da Tijuca and provide more housing for poorer people in the city.

- (a)** Choose **one** of the options.

Chosen option.....

Explain **two** reasons for choosing this option.....

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

[6]

(b) Explain a reason for rejecting **each** of the other **two** options.

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

(c) Explain **one** disadvantage of your chosen option.

.....
.....
.....
..... [3]

(d) Give a reason why a named group of people may disagree with your choice and prefer another option.

Group.....
.....
.....
.....
..... [3]

Section C Total [16]

Paper Total [40]

SPECIMEN

SPECIMEN

SPECIMEN

Copyright Acknowledgements:

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 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.

Unit B561: Sustainable Decision Making (Foundation tier)

Specimen Mark Scheme

The maximum mark for this paper is 40.

SPECIMEN

Section A – The Background		
Question Number	Answer	Max Mark
1(a)(i)	<p>Study Resource 1 in the Resource Booklet.</p> <p>Which megacity had the largest population in 2007?</p> <p>Tokyo</p>	[1]
1(a)(ii)	<p>Which megacity is predicted to have the largest increase in population by 2025?</p> <p>Dhaka</p>	[1]
1(b)	<p>Which megacity will have the worst quality of life? Use two pieces of evidence from Resource 1 to explain your choice:</p> <p>1 mark for basic, valid idea, 2nd mark for development of how idea affects people and their quality of life. Two developed ideas needed for 4 marks.</p> <p>Content Guide: Mexico City has the highest murder rate ✓ This means that it is dangerous to live there ✓ (dev) It also has the slowest mean traffic speed ✓ This means that there will be long journey times around the city ✓ (dev)</p>	[4]
2	<p>Study Resource 2 in the Resource Booklet.</p> <p>Describe and explain two problems created by too much traffic in cities.</p> <p>1 mark per valid problem with 1 mark extra for development e.g. congestion ✓ causing delayed journeys/gridlock on the roads ✓ (dev), increasing danger/accidents (✓ dev) higher pollution ✓ health problems/increased expenditure on associated health issues (✓ dev) costs to business from delayed journeys ✓ and to governments – increased health care costs (✓ dev) (2+2)</p>	[4]
Section A Total		[10]

Section B – The Options		
Question Number	Answer	Max Mark
3	<p>Suggest and explain <u>three</u> ways in which ‘Cities for People’ are more sustainable than ‘Cities for Cars’.</p> <p>1 mark for basic, valid idea. 2nd mark for development of sustainability. Three developed ways needed for 6 marks.</p> <ul style="list-style-type: none"> • Less congestion-reduced pollution✓improved health✓environmental benefits✓(dev) • Improved environment✓enhanced quality of life✓less pollution✓(dev) • More people cycling/walking✓improved health ✓(dev) • Fewer motor cars✓reduced consumption of fossil fuels- conserve supplies for future✓less pollution✓environmental benefits✓(dev) 	[6]
4	<p>Study <u>Resource 3</u> in the Resource Booklet</p> <p>Greenwich Millennium Village is a planned sustainable urban settlement.</p> <p>Identify and explain <u>one</u> advantage and <u>one</u> disadvantage of living in Greenwich Millennium Village for <u>one</u> of the following groups of people:</p> <p>EITHER</p> <p>(a) Families with young children</p> <p>OR</p> <p>(b) Retired people living alone</p> <p>0 marks No evidence submitted or response does not address the question.</p> <p>Level 1 [1-2 marks] Gives at least one advantage or disadvantage for one group of people – limited development or reference to resource or examples. Demonstrates limited relevant knowledge and information. Written work contains mistakes in spelling, grammar and punctuation, which sometimes hinder communication.</p> <p>Level 2 [3-5 marks] Gives sound identification of advantage and disadvantage without thorough explanation or development. Some use of resource and place specific examples. Demonstrates some understanding of the possible advantages and disadvantages with clear explanations. Written work is legible and spelling, grammar and punctuation are mostly accurate. Meaning is communicated clearly.</p> <p>Level 3 [6-8 marks] Gives good identification of advantage and disadvantage with explanation and development of these for group of people identified. Good and relevant use of resource and place specific examples. Demonstrates thorough understanding of the possible advantages and disadvantages with accurate and developed explanations. Written work is legible and spelling, grammar and punctuation are accurate. Meaning is communicated very clearly.</p>	

Section B – The Options		
Question Number	Answer	Max Mark
	<p>Content Guide:</p> <p>Families with young children</p> <p>Advantages could include:</p> <ul style="list-style-type: none"> • Primary school close-walk to school-healthy, safer/ less pollution • Reduced traffic = healthier/ safer/ less pollution • Shared lawns/gardens = safe play social areas • Parks/wildlife areas = pleasant environment <p>Disadvantages could include:</p> <ul style="list-style-type: none"> • Shared lawns/gardens-increased 'stranger danger' • Inconvenience of using public transport with pram/push chair <p>Retired people living alone</p> <p>Advantages could include:</p> <ul style="list-style-type: none"> • Closeness to shops, easy access to health care • Shared lawns/gardens – less isolated • Reduced energy costs – save pension money • Well insulated houses – warmer in winter – improved health • Less traffic-improved safety/health <p>Disadvantages could include:</p> <ul style="list-style-type: none"> • Burglar alarms – increased fear of crime • Homes computers – may not be able to access/operate hi-tech systems • Shared lawns/gardens – could be areas for anti-social behaviour 	[8]
Section B Total		[14]

Section C – The Decision		
Question Number	Answer	Max Mark
5(a)	<p>Choose <u>one</u> of the options: Explain <u>two</u> reasons for choosing this option:</p> <p>0 marks No evidence submitted or response does not address the question.</p> <p>Level 1 [1-2 marks] Demonstrates limited understanding of the two reasons for choosing the option selected with an attempt at explanation. Straight forward statements (e.g. choose option 1 because people will be better off with better houses) with limited development. Written work contains mistakes in spelling, grammar and punctuation, which sometimes hinder communication.</p> <p>Level 2 [3-4 marks] Demonstrates thorough understanding of two reasons for choosing the option selected with clear explanations. Developed statements (e.g. option 1 because the increase in the standard of housing will mean improvement in levels of health). Written work is legible and spelling, grammar and punctuation are mostly accurate. Meaning is communicated clearly.</p> <p>Level 3 [5-6 marks] Demonstrates excellent understanding of the reasons for choosing the option selected with clear and developed explanation. Two developed statements for each reason (e.g. option 1 because investment in clean water, sanitation and family planning would, in the long term increase the standard of living in the favela as well as decreasing the financial burden of health care and rapid growth in population). Written work is legible and spelling, grammar and punctuation are accurate. Meaning is communicated very clearly.</p>	[6]
5(b)	<p>Explain a reason for rejecting <u>each</u> of the other <u>two</u> options.</p> <p>Points marking Maximum two marks per reason 1 mark for each explanation of reasons for rejecting the option (+1 for development of reason) For example option 2 – richer people may be harder to persuade to move with incentives ✓ also this may result in a shortage of skilled professional people outside the edge cities.</p>	[4]
5(c)	<p>Explain <u>one</u> disadvantage of your chosen option.</p> <p>Points marking Maximum three marks 1 mark for stating disadvantage, 2 marks for development Funding favela improvements may not lead to improvement for all favela dwellers ✓ may lead to corruption ✓ and greater poverty for some ✓ also may actually encourage increased migration from rural areas to favelas as standard of life increases in the favelas ✓.</p>	[3]

Section C – The Decision		
Question Number	Answer	Max Mark
5(d)	<p>Give a reason why a named group of people may disagree with your choice and prefer another option.</p> <p>No mark for group. One mark for stating reason for possible disagreement One mark for reason for preferring another option, one mark for simple development eg rich suburban dwellers who live in areas surrounded by favelas may want to see favelas demolished or relocated due to fear of crime or the affect on their neighbourhood.</p>	[3]
Section C Total		[16]
Paper Total		[40]

Assessment Objectives Grid (includes QWC)

Question	AO1	AO2	AO3	Total
1(a)(i)		1		1
1(a)(ii)		1		1
1(b)	1	1	2	4
2		2	2	4
3	2	3	1	6
4	2	2	4	8
5(a)	2	2	2	6
5(b)		2	2	4
5(c)		1	2	3
5(d)	1	1	1	3
Totals	8	16	16	40

SPECIMEN