

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

H

B561

Time: 1 hour

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

Candidate
Forename

Candidate
Surname

Centre
Number

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Candidate
Number

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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 2, 3 and 4 for the quality of written communication of your answer.

FOR EXAMINER'S USE

A	
B	
C	
TOTAL	

This document consists of **8** printed pages.

Section C – The Decision

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

Like many other LEDC cities, Rio de Janeiro has grown rapidly in recent years. This rapid growth has created problems which have a negative affect on the quality of life of many of the people who live in Rio de Janeiro.

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 **four** possible options to choose from:

Option 1

Do nothing, due to lack of finance, and hope that time will solve the city's problems and improve people's quality of life, as has happened in some MEDC cities.

Option 2

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

Option 3

Encourage the development of more 'edge city' settlements such as Barra da Tijuca.

Option 4

Discourage rural-urban migration to Rio de Janeiro by investing money in developing rural areas.

Task

Choose one of the above options

Give **two** detailed reasons to explain your choice.

1. State your reasons for not choosing each of the other three options.

You should also

2. Explain why your choice might not please everyone in Rio de Janeiro
and
3. Explain why some stakeholders might prefer a different option.

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Section A – The Background		
Question Number	Answer	Max Mark
1	<p>Study <u>Resource 1</u> in the Resource Booklet.</p> <p>Choose the megacity with the best quality of life and the megacity with the worst quality of life.</p> <p>Name your two chosen megacities and use <u>one</u> piece of evidence from <u>Resource 1</u> to explain their differences in quality of life.</p> <p>Point marking For each megacity one mark for correct piece of evidence with 1 further mark for development</p> <p>Content Guide: Tokyo has a lower murder rate than Mexico City✓This means that it is a safer place to live✓(dev) Tokyo has a lower level of air pollution than Mexico City✓This means that it is a healthier place to live✓(dev)</p>	[4]
2	<p>Study <u>Resource 2</u> in the Resource Booklet.</p> <p>Suggest and explain <u>two</u> ways that ‘Cities for People’ are more sustainable than ‘Cities for Cars’.</p> <p>0 marks No evidence submitted or response does not address the question.</p> <p>Level 1 [1-2 marks] Gives one valid way with explanation or two without development. Demonstrates limited understanding of sustainability and relevant knowledge and information. Written work contains mistakes in spelling, grammar and punctuation, which sometimes hinder communication.</p> <p>Level 2 [3-4 marks] Gives second way and explains why one is more sustainable. Demonstrates some relevant knowledge based on a range of factual information and evidence. Written work is legible and spelling, grammar and punctuation are mostly accurate. Meaning is communicated clearly</p> <p>Level 3 [5-6 marks] Explains how both ways are more sustainable. Demonstrates thorough knowledge of concept of sustainability based on a full range of relevant factual information and evidence. Written work is legible and spelling, grammar and punctuation are accurate. Meaning is communicated very clearly.</p> <p>Content Guide: Less congestion - reduced pollution - improved health Improved environment – enhanced quality of life More people cycling/walking – improved health Fewer motor cars – reduced consumption of fossil fuels - conserve supplies for future.</p>	[6]
Section A Total		[10]

Section B – The Options		
Question Number	Answer	Max Mark
3	<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>each</u> of the following groups of people:</p> <p>Families with young children</p> <p>Retired people living alone</p> <p>0 marks No evidence submitted or response does not address the question.</p> <p>Level 1 [1-3 marks] Gives at least one valid advantage and one disadvantage for both groups with limited development or reference to resource or examples. Demonstrates limited relevant knowledge and information. Simple statement used (e.g. new schools opened but don't know new neighbours). Written work contains mistakes in spelling, and grammar which sometimes hinder communication.</p> <p>Level 2 [4-7 marks] Gives one valid advantage and one disadvantage for each group with relevant development of one of these. Some use of resource and place specific examples. Demonstrates understanding of the possible advantages and disadvantages with clear explanations. Written work is legible and spelling and grammar are mostly accurate. Meaning is communicated with limited clarity.</p> <p>Level 3 [8-11 marks] Explains one advantage and disadvantage for both groups of people with relevant development. 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 clearly. Use of appropriate geographical terminology.</p> <p>Level 4 [12-14 marks] Explains one advantage and disadvantage for both groups of people. Develops excellent understanding of the possible advantages and disadvantages. Developed statements used for all answers. Written work is legible and spelling, grammar and punctuation are highly accurate. Meaning is very clearly communicated. Good use of geographical terminology.</p> <p>Content Guide:</p> <p>Families with young children</p> <p>Advantages could include:</p> <p>Primary school close - walk to school - healthy, safer</p> <p>Reduced traffic = healthier/safer</p> <p>Shared lawns/gardens = safe play/social areas</p> <p>Parks/wildlife areas = pleasant environment</p>	

Section B – The Options		
Question Number	Answer	Max Mark
	<p>Disadvantages could include: Shared lawns/gardens - increased 'stranger danger' Inconvenience of using public transport with pram/push chair</p> <p>Retired people living alone: Advantages could include: Closeness to shops, health care - easy access 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> <p>Disadvantages could include: 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</p>	[14]
Section B Total		[14]

Section C – The Decision		
Question Number	Answer	Max Mark
4	<p><u>Option 1</u> Do nothing, due to lack of finance, and hope that time will solve the city’s problems and improve people’s quality of life, as has happened in some MEDC cities.</p> <p><u>Option 2</u> Support self-help schemes in favelas such as Rocinha. Providing building materials, equipment, training and support to improve housing conditions. Improving basic services such as electricity, clean water, sanitation, family planning, health care and education.</p> <p><u>Option 3</u> Encourage the development of more ‘edge city’ settlements such as Barra da Tijuca.</p> <p><u>Option 4</u> Discourage rural-urban migration to Rio de Janeiro by investing money in developing rural areas.</p> <p><u>Task</u> Choose one of the above options.</p> <p>1. Give two detailed reasons to explain your choice. State your reasons for not choosing each of the other three options.</p> <p>You should also</p> <p>2. Explain why your choice might not please everyone in Rio de Janeiro</p> <p>3. Explain why some stakeholders might prefer a different option.</p> <p>0 marks No evidence submitted or response does not address the question.</p> <p>Level 1 [1-4 marks] Explains one or more reasons for choice with detail in one reason or some reference to sustainability. Limited grasp of issues facing favelas shown and only limited development of both choice and reasons for rejecting other options. Written work contains mistakes in spelling, and grammar which sometimes hinder communication.</p> <p>Level 2 [5-8 marks] Develops one reason for choice as well as rejecting one or two of the other three options. Development with valid detail in at least one reason or attempt at reference to sustainability. Written work is legible and spelling and grammar are mostly accurate. Meaning is communicated with limited clarity.</p> <p>Level 3 [9-12 marks] Developed explanation of choice as well as valid attempt at discussion of why two stakeholders would not support chosen option with detail in one explanation or reference to sustainability. Written work is legible and spelling, grammar and punctuation are accurate. Meaning is communicated clearly. Use of appropriate geographical terminology.</p>	

Section C – The Decision		
Question Number	Answer	Max Mark
	<p>Level 4 [13-16 marks] Thorough development in both reasons for choosing option. Clear and well communicated development on reasons for rejecting other three options. Relevant and valid consideration given to view of other Rio residents as well as those of relevant stakeholder. Good and valid reference to sustainability made throughout. Written work is legible and spelling, grammar and punctuation are very accurate and meaning very clearly communicated. Good use of geographical terminology.</p>	[16]
Section C Total		[16]
Paper Total		[40]

Assessment Objectives Grid (includes QWC)

Question	AO1	AO2	AO3	Total
1	1	3		4
2	2	3	1	6
3	2	6	6	14
4	3	4	9	16
Totals	8	16	16	40

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