

Monday 22 May 2017 – Afternoon

GCSE GEOGRAPHY B

B561/02 Sustainable Decision Making Exercise (SDME) (Higher Tier)

Candidates answer on the Question Paper.

OCR supplied materials:

- Resource Booklet (B561/01/02/RB – inserted)

Other materials required:

None

Duration: 1 hour 30 minutes



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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INSTRUCTIONS TO CANDIDATES

- The Resource Booklet will be found inside this document.
- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the barcodes.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- You will be assessed on the quality of written communication in your answer to questions 2, 3, 4 and 5.
- Resources 1–10 are contained in the Resource Booklet.
- The total number of marks for this paper is **40**.
- This document consists of **12** pages. Any blank pages are indicated.

Answer **all** the questions.

1 Use **Resource 1 and Resource 2** in the Resource Booklet.

(a) What was the growth rate of the world's population in 2010?

..... % [1]

(b) By how many did the world's population grow from 1950 to 2010?

..... billions [1]

(c) Identify a country from Resource 2 where the percentage of the population living in urban areas is over 81%.

..... [1]

(d) State **one** way that the percentage of the population living in urban areas in Europe differs from that in Africa.

.....
..... [1]

2 Use **Resource 3 and Resource 4** in the Resource Booklet and your own knowledge.

(a) (i) What is the expected change in Africa's urban population from 2000-2030?

..... % [1]

(ii) Compare the expected change in Africa's urban population between 2000 and 2030 with the expected change in MEDCs urban population in the same years.

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..... [1]

(b) For **each** population pyramid choose a **different** age group that may cause a problem for the economy of LEDCs in the future. Explain why you think each age group you have chosen may cause a problem.

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..... [6]

5 Use **Resources 8, 9 and 10** in the Resource Booklet and your own knowledge.

You have been asked to advise the Cape Town authorities how best to manage the population of Khayelitsha in the future. Three options are to be discussed.

<p>OPTION 1</p> <ul style="list-style-type: none"> • Provide adequate services such as a clean water supply to all the existing informal homes. Aim to improve as many homes as possible in the quickest time.
<p>OPTION 2</p> <ul style="list-style-type: none"> • Gradually replace the informal dwellings with homes like those shown in Resource 10. The authority will provide permanent houses for everyone living informally.
<p>OPTION 3</p> <ul style="list-style-type: none"> • Encourage and help to fund self-help schemes and projects, to increase the number of permanent houses and neighbourhoods with a full range of services.

Task

Choose **one** of the above options.

Write your report which should:

- Explain the **advantages** of your chosen option and how these advantages are sustainable for the future.
- Explain **disadvantages** of your chosen option.
- Suggest **additional developments** to help make Khayelitsha a sustainable community in the future. Explain how these developments will make the community more sustainable.

[16]

A series of horizontal dotted lines spanning the width of the page, intended for writing or drawing.

ADDITIONAL ANSWER SPACE

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).

A large area of lined paper for writing. It consists of a vertical solid line on the left side, creating a margin. To the right of this line, there are numerous horizontal dotted lines spaced evenly down the page, providing a guide for handwriting.

A blank sheet of lined paper. On the left side, there is a solid vertical line that serves as a margin. To the right of this line, there are 25 horizontal dashed lines spaced evenly down the page, providing a guide for handwriting. The rest of the page is empty.

A large rectangular area with a solid vertical line on the left side and horizontal dotted lines extending across the page, providing a space for writing answers.



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