

Tuesday 13 May 2014 – Afternoon

GCSE GEOGRAPHY B

B561/01 Sustainable Decision Making Exercise (SDME) (Foundation 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 bar codes.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- You will be awarded marks in Question **6(a)** for the quality of written communication of your answer.
- Resources 1–8 are contained in the Resource Booklet.
- The total number of marks for this paper is **40**.
- This document consists of **8** pages. Any blank pages are indicated.

Answer **all** questions.

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

(a) Identify the type of tropical storm that affects North America.

..... [1]

(b) Tick (✓) the correct statement to describe where cyclones form.

Between the Tropic of Capricorn and the Tropic of Cancer.

In the Atlantic Ocean.

North of the Tropic of Cancer. [1]

(c) Name **one** continent affected by cyclones.

..... [1]

2 Use **Resources 2** and **3** in the Resource Booklet.

(a) Tick (✓) the correct statement to describe the main direction of the cyclone shown on Resource 2.

East to west.

North west to south east.

South west to north east. [1]

(b) What was the wind speed of the cyclone when it reached the coast?

..... km per hour [1]

(c) Identify **two** different types of damage from Resource 3 that could happen at the coast.

1

.....

2

..... [2]

5 Use **Resource 8** in the Resource Booklet.

(a) Identify **three** ways in which the shelter will protect people during a cyclone.

1

.....

2

.....

3

.....

[3]

(b) The following advice for making cyclone shelters more effective in the future is in a report from the University of Dhaka.

- A. Shelters should be within 1.5 km of all houses.
- B. Public buildings such as schools or clinics should be used as shelters.
- C. Shelters should contain a 'killa' (raised platform) for livestock.
- D. The access roads to shelters should have a proper tarmac surface.
- E. Shelters should contain separate facilities for both males and females.

Choose **two** of these ideas and explain how each one will make sure that more people use the shelters.

Idea chosen: Letter

.....

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.....

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Idea chosen: Letter

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[4]

(b) Suggest disadvantages of your chosen method.

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

(c) Explain why you have rejected **each** of the other two methods.

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

(d) Explain why it could be better to use methods 1, 2 and 3 together.

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

END OF QUESTION PAPER

ADDITIONAL ANSWER SPACE

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

A large area of lined paper for writing. It features a vertical solid line on the left side, creating a margin. The rest of the page is filled with horizontal dotted lines, providing space for writing answers.

A large area of the page is reserved for writing, featuring a vertical solid line on the left side and horizontal dotted lines extending across the page.



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