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NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

Scholarship 2010 Geography

2.00 pm Saturday 27 November 2010

Time allowed: Three hours

Total marks: 24

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

Pull out the Resource Booklet 93401R from the centre of this booklet.

Carefully read the instructions on page 2 of this booklet.

Answer ALL three questions in this booklet. Each question is worth 8 marks.

If you need more space for any answer, use the page(s) provided at the back of this booklet and clearly number the question.

Check that this booklet has pages 2–21 in the correct order and that none of these pages is blank.

YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

You have three hours to complete this examination.

INSTRUCTIONS

The materials in Resource Booklet 93401R will enable you to become familiar with the theme and contexts of this examination. You must specifically refer to information in the resource booklet in your diagram(s) and essays.

You are advised to spend the **first hour** of the examination **carefully reading** the resource materials, and then to spend **40 minutes** answering EACH question.

Read the three questions on page 3 carefully. You should answer ALL three questions.

Make notes on planning pages 4, 8, and 14 of this booklet that will help you construct a diagram(s) and write your essays (**these notes will not be marked**). The questions on page 3 are repeated on their respective planning pages.

Begin your answer for Question One on page 5, for Question Two on page 9, and for Question Three on page 15.

QUESTION ONE: CAUSES AND EFFECTS OF POLLUTION (8 marks)

“There’s so much pollution in the air now that if it weren’t for our lungs there’d be no place to put it all”.

Robert Orben

- (a) Construct a diagram(s) to show the causes and effects of environmental pollution across the globe.
- (b) Which factor shown in your diagram(s), has been the most important cause of environmental pollution in the world? Explain why, justifying your choice.

In your diagram(s) for (a), and in your essay for (b), use information from the resources provided and other information from your geographical studies to support your answer.

Use page 4 to plan your answer, and begin your response to Question One on page 5.

QUESTION TWO: THE IMPACT OF POLLUTION (8 marks)

Critically evaluate the impact that pollution has had on **places** across the globe.

You **MUST** support your answer by incorporating and referring to appropriate visuals within your essay, such as:

- adapted and/or original maps
- graphs
- diagrams.

In your essay, use information from the resources provided and other information from your geographical studies to support your answer.

Use page 8 to plan your answer, and begin your response to Question Two on page 9.

QUESTION THREE: COPING WITH POLLUTION (8 marks)

“In an underdeveloped country, don’t drink the water; in a developed country, don’t breathe the air.”

Changing Times Magazine

“Our modern industrial economy takes a mountain covered with trees, lakes, running streams and transforms it into a mountain of junk, garbage, slime pits, and debris.”

Edward Abbey

Discuss the idea that, compared with others, **people in less economically developed countries** and **indigenous peoples** are less able to cope with the effects of pollution.

You **MUST** support your answer by incorporating and referring to appropriate visuals within your essay, such as:

- adapted and/or original maps
- graphs
- diagrams.

In your essay, use information from the resources provided and other information from your geographical studies to support your answer.

Use page 14 to plan your answer, and begin your response to Question Three on page 15.

PLANNING PAGE

QUESTION ONE: CAUSES AND EFFECTS OF POLLUTION

“There’s so much pollution in the air now that if it weren’t for our lungs there’d be no place to put it all”.

Robert Orben

- (a) Construct a diagram(s) to show the causes and effects of environmental pollution across the globe.
- (b) Which factor shown in your diagram(s), has been the most important cause of environmental pollution in the world? Explain why, justifying your choice.

In your diagram(s) for (a), and in your essay for (b), use information from the resources provided and other information from your geographical studies to support your answer.

Draw your diagram(s) for **Question One (a)** in the box below.

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use only

Title: _____

Key:

Begin your essay for **Question One (b)** here:

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PLANNING PAGE

QUESTION TWO: THE IMPACT OF POLLUTION

Critically evaluate the impact that pollution has had on **places** across the globe.

You **MUST** support your answer by incorporating and referring to appropriate visuals within your essay, such as:

- adapted and/or original maps
- graphs
- diagrams.

In your essay, use information from the resources provided and other information from your geographical studies to support your answer.

Begin your essay for **Question Two** here:

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PLANNING PAGE

QUESTION THREE: COPING WITH POLLUTION

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In your essay, use information from the resources provided and other information from your geographical studies to support your answer.

Begin your essay for **Question Three** here:

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**Extra paper for continuation of answers if required.
Clearly number the question.**

Assessor's
use only

Question
number

**Extra paper for continuation of answers if required.
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use only

Question
number

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Question	Mark
ONE	(8)
TWO	(8)
THREE	(8)
TOTAL	(24)

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Keep flap folded in.