



For Supervisor's use only

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93401



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

Scholarship 2005 Geography

9.30 am Friday 9 December 2005

Time allowed: Three hours

Total marks: 16

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

Read the instructions on page 2 and pull out Resource Booklet 93401R from the centre of this booklet.

You **MUST** answer **BOTH** the questions in this Booklet. Start Question One on page 6 and Question Two on page 12. Each of the questions 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 2–26 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.

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**PERFORMANCE
CATEGORY**

You are advised to spend three hours answering the questions in this booklet.

INSTRUCTIONS

- Read the material on page 3. This will provide you with an introduction and an overview of the geographical context.
- Read the TWO questions on page 3 carefully.
- Study Resource Booklet 93401R and make notes on the planning pages 4 and 5 that will help you write your final answers.
- Write your answers in this booklet. Space for your answer to Question One begins on page 6 and for Question Two on page 12.
- Each question is worth 8 marks.

The context – River Flooding – an overview

Flood, Sweat and Tears

Heavy rain falls for days and days, building up too much water for groundwater systems and river channels to hold. Water levels begin to rise, creeping higher and higher until they flood not just low-lying land, but homes as well. In extremely bad cases, flash floods, with their rushing torrents of muddy water, sweep away houses, cars, trees and people with ease ...

River flooding occurs frequently in New Zealand and in other parts of the world. It is a common natural event. Many floods go unreported, especially when they are small and no long-term damage or loss of life occurs. On the other hand, floods get wide media coverage when they are reported as major disasters that devastate huge areas and bring destruction, death and human misery.

This study examines the causes and the consequences of river flooding. It also analyses the contentious issue of how to best approach floods from a management viewpoint, aimed at reducing the negative impacts flooding has on people and communities.

The resource booklet contains information about:

Resource A – an overview of river flooding

Resource B – causes and nature of river flooding

Resource C – case studies of the River Derwent floods in the North of England and flooding in Bangladesh

Resource D – views about river flooding and approaches to the management of river flooding.

Write illustrated essay answers to these two questions. You MUST write answers to BOTH questions.

QUESTION ONE (8 marks)

Analyse the causes of river flooding and **critically evaluate** the assertion that “river flooding is caused more by the actions of people than it is by natural events and natural processes”.

Refer to both the general geographic information and the case study information presented in Resource Booklet 93401R in your answer.

*Within your answer, include reference to, and discussion of, **geographic ideas** and incorporate **appropriate visuals** such as maps, graphs, diagrams and tables to support your answer.*

(Critically evaluate requires you to weigh up evidence, assess validity and make informed judgements.)

QUESTION TWO (8 marks)

Discuss and explain why people have such varied views about the best way(s) of responding to the hazard of river flooding.

Refer to both the general information and the case study information presented in Resource Booklet 93401R in your answer.

*Within your answer, include reference to, and discussion of, the **different perspectives** people have regarding flooding and incorporate **appropriate visuals** such as maps, graphs, diagrams and tables to support your answer.*

Planning page for Question One

Question One

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Planning
Page

Planning page for Question Two

Question Two

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*Within your answer, include reference to, and discussion of, the **different perspectives** people have regarding flooding and incorporate **appropriate visuals** such as maps, graphs, diagrams and tables to support your answer.*

Planning
Page

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[illegible]

[illegible]

[illegible]

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

Assessor's
use only

Question
number

[illegible]

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

Question
number

[illegible]

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Assessor's
use only

Question number	Question	Answer
1	What is the main purpose of the study?	To investigate the effect of a new teaching method on student performance.
2	What are the independent and dependent variables?	The independent variable is the teaching method, and the dependent variable is student performance.
3	What is the research hypothesis?	The hypothesis is that the new teaching method will result in higher student performance compared to the traditional method.
4	What are the limitations of the study?	The study is limited by a small sample size and a short duration.
5	What are the conclusions of the study?	The study concludes that the new teaching method is effective in improving student performance.

[illegible]

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

Assessor's
use only

Question
number

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**Extra paper for continuation of answers if required.
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Question
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Assessor's
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Question
number

[illegible]

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Q1	(8)
Q2	(8)
Total	(16)

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Keep Flap Folded In.