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91532



Level 3 Agricultural and Horticultural Science, 2019

91532 Analyse a New Zealand primary production environmental issue

2.00 p.m. Monday 11 November 2019 Credits: Five

Achievement	Achievement with Merit	Achievement with Excellence
Analyse a New Zealand primary production environmental issue.	Critically analyse a New Zealand primary production environmental issue.	Comprehensively analyse a New Zealand primary production environmental issue.

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

You should attempt ALL parts in this booklet.

If you need more room for any answer, use the extra space provided at the back of this booklet.

Check that this booklet has pages 2–8 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.

TOTAL

INSTRUCTIONS

This examination is made up of THREE parts.

Carefully read ALL instructions and parts before answering.

You must answer ALL parts of this examination.

TOPIC: REDUCING GREENHOUSE GAS EMISSIONS TO ALLOW FOR SUSTAINABLE PRODUCTION

Name your specific primary product:
Primary product:
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PART A



Greenhouse gas emissions from primary production are getting a lot of media attention as they are a key contributor to climate change.

Greenhouse gas emissions from primary production in New Zealand are a significant contributor to our total emissions.

With specific reference to greenhouse gas emissions, explain the environmental impacts of producing your chosen primary product. Provide details, examples, and data to support your ideas.		

PART B

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Climate change resulting from primary production does not just affect the environment but also impacts on people (social) and profits (economics). The impact on people and profit may be positive, negative, or both.

Explain the social OR economic impacts of climate change in New Zealand resulting from the production of your chosen primary product.

In your answer, you should cover:

impacts on producers

•	impacts on wider society in New Zealand whether impacts are positive, negative, or both.		
	whether impacts are positive, negative, or both.		

PART C



Many producers understand the need to change the way we produce primary products to ensure we produce less greenhouse gases. Producers will need to ensure that they are doing their part in reducing greenhouse gas emissions.

Justify a course of action that producers can carry out to reduce greenhouse gas emissions to have sustainable production.

In your response, you should include the positive environmental, social and economic impacts.

Course of action:	

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Extra space if required.		
	Write the question number(s) if applicable.	
QUESTION NUMBER		
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