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SUPERVISOR'S USE ONLY

91532



Level 3 Agricultural and Horticultural Science, 2016

91532 Analyse a New Zealand primary production environmental issue

9.30 a.m. Monday 14 November 2016 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 BOTH parts of the task 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 2–11 in the correct order and that none of these pages is blank.

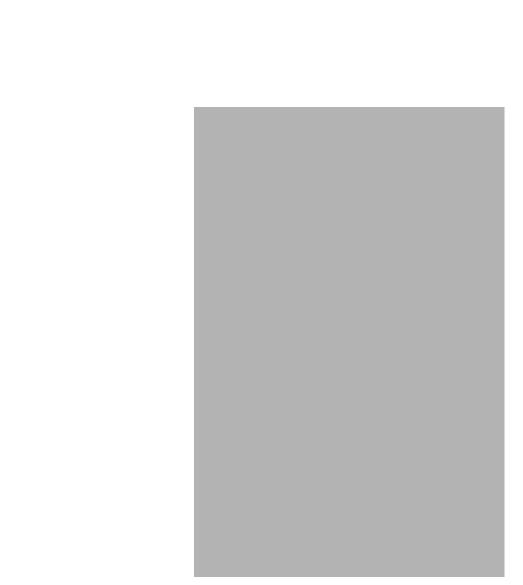
YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

TOTAL

INSTRUCTIONS

Name of your selected production system:

This paper consists of ONE task, in TWO parts (A and B), which requires you to discuss the impact on biodiversity of a selected agricultural or horticultural production system. This will include the management practices of a producer to mitigate any negative impacts.



A New Zealand example of declining biodiversity.

Image source: http://www.landcareresearch.co.nz/__data/assets/image/0007/75553/kkk_24_framework_kiwifruit.jpg

PART A

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Explain how agricultural OR horticultural production management practices have impacted on the biodiversity of the local environment in New Zealand.

In your answer:

•	discuss the economic factors that may have contributed to these practices, and the
	negative social impacts of declining biodiversity resulting from your selected agricultural or
	horticultural production system
,	give specific examples of the decline in local biodiversity due to intensification of your

give specific examples of the decline in local biodiversity due to intensification of your selected agricultural or horticultural production system.

More space for this answer is available on the next page.

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This examination continues on the following page.

PART B

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Justify a course of action that could be carried out by a producer to potentially mitigate the negative impacts of the management practices on the biodiversity of the local environment for your selected agricultural or horticultural production system.

In your answer:

•	evaluate at least TWO courses of action include social and economic considerations.

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More space for this answer is available on the next page.

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UESTION NUMBER		1

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QUESTION NUMBER	write the question number(s) it applicable.	