

MARKER CODE



Student Personal Identification Number

South Pacific Form Seven Certificate

AGRICULTURE

2015

QUESTION and ANSWER BOOKLET

Time allowed: Two and a half hours

INSTRUCTIONS

Write your Student Personal Identification Number (SPIN) on the top right hand corner of this booklet.

Answer **ALL QUESTIONS**. Write your answers in the spaces provided in this booklet.

If you need more space for answers, ask the Supervisor for extra paper. Write your SPIN on all extra sheets used and number the questions clearly. Attach the extra sheets at the appropriate places in this booklet.

Major Learning Outcomes (Achievement Standard)	Skill Bands			Weight/ Time
	Band 1 <i>Basic</i>	Band 2 <i>Proficient</i>	Band 3 <i>Advanced</i>	
AgrA: Examine local and export primary production and analyse the influence of market controls	8 questions	2 questions	1 question	15% 30 min
AgrB: Analyse primary production practices that ensure sustainable primary production	11 questions	3 questions	2 questions	23% 46 min
AgrC: Explain the production and marketing of a locally produced animal primary product and of a locally produced plant primary product	18 questions	5 questions	3 questions	37% 74 min
TOTAL	37 questions	10 questions	6 questions	150 min

Questions in this examination require you to refer to primary products from your own country.

Check that this booklet contains pages 2-20 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.

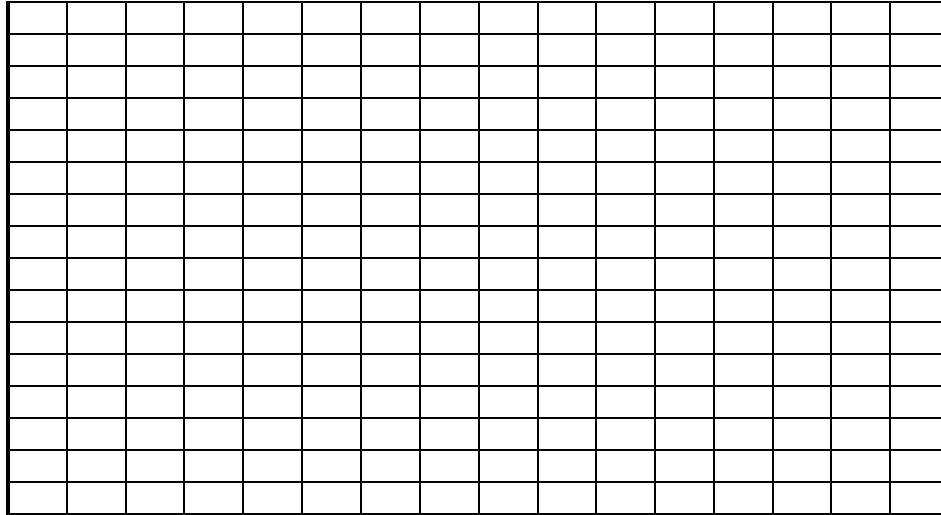
SECTION A: PRIMARY PRODUCTION

Assessor's use only

A1	Production										
A1a	<p>Describe TWO primary products that are locally produced for export market(s) in your country. In your answer, you must give the names of the primary products and country where your selected products produced are exported to.</p> <p>Primary product 1 _____</p> <p>_____</p> <p>_____</p> <p>Primary product 2 _____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR		
Basic	Level										
Excellent											
Weak											
NR											
A1b	<p>Describe TWO local market opportunities available for any rejected and/or excess of your export product. You must give the names of the TWO local markets.</p> <p>Local market opportunity 1 _____</p> <p>_____</p> <p>_____</p> <p>Local market opportunity 2 _____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR		
Basic	Level										
Excellent											
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NR											
A1c	<p>Select ONE local primary product produced for an export market and use that product to answer ALL of questions A1ci to A1civ.</p> <p>Name of primary product: <input data-bbox="592 1592 1198 1641" type="text"/></p> <p>Main export countries for this product: <input data-bbox="730 1664 1198 1713" type="text"/></p>										

A1ci

Draw a graph on the grid below, to show how the production (volume/numbers) of your primary product changes during the year. The horizontal axis has been named for you. You must specify the time of the year (week or month) on the horizontal axis to suit your selected product. You are also required to name the vertical axis and specify the production (volume/numbers) of your selected product produced during the year.



Time of the year

Proficient	Level
Excellent	
Moderate	
Weak	
NR	

A1cii

Describe how this change in production affects the return from your export market. Use ONE evidence from your graph to support your answer for each idea.

Basic	Level
Excellent	
Weak	
NR	

A1ciii

Describe TWO key market quality requirements or attributes of your selected export primary product.

Market requirement 1 _____

Market requirement 2 _____

Basic	Level
Excellent	
Weak	
NR	

Assessor's use only

A1civ	<p>Describe how ONE key market quality requirement or attribute in (A1ciii) make it suitable for export market.</p> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
Basic	Level									
Excellent										
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NR										
A2	<p>Factor that Influences Primary Production</p> <p>Select one primary product that is exported from your country.</p> <p>Your Island Country _____ (No mark)</p> <p>Export Primary Product _____ (No mark)</p> <p>Country exported to _____ (No mark)</p>									
A2a	<p>Given in the box below are factors that influence primary production of farm animals and plants.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> <ul style="list-style-type: none"> • Needs of people and future prospects • Effect of Supply and Demand on Returns • Effect of Seasonality on Supply and Demand • Effect of competition from imports • Market Access • Product storage/shelf life • Transport methods • Market channels </div>									
A2ai	<p>Select TWO factors and describe how each has influenced the production of your selected primary product. You must use ONE example including data and evidence where appropriate to support your answers.</p> <p>Factor 1 _____</p> <hr/> <hr/> <hr/> <p>Factor 2 _____</p> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
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A2aii	<p>From the two factors described in part (A2ai), select the one that had the greater effect on quantity supplied by producers over the last 1–5 years.</p> <p>Selected factor: _____ (No mark)</p> <p>Justify your selection, using units and values where appropriate to support your answer.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Advanced</th> <th style="width: 30%;">Level</th> </tr> </thead> <tbody> <tr><td>Exceed</td><td></td></tr> <tr><td>Excellent</td><td></td></tr> <tr><td>Moderate</td><td></td></tr> <tr><td>Low</td><td></td></tr> <tr><td>Weak</td><td></td></tr> <tr><td>NR</td><td></td></tr> </tbody> </table>	Advanced	Level	Exceed		Excellent		Moderate		Low		Weak		NR	
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A3	<p>Influence of Market Controls</p>															
A3a	<p>Describe ONE biosecurity regulation that affects either the export of a primary product from the producing country or affects the entry of a primary product into the export market country.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Basic</th> <th style="width: 30%;">Level</th> </tr> </thead> <tbody> <tr><td>Excellent</td><td></td></tr> <tr><td>Weak</td><td></td></tr> <tr><td>NR</td><td></td></tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR							
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A3b	<p>Describe TWO features of a trade agreement that affects the export of primary products from your country. You must name the trade agreement.</p> <p>Name of trade agreement : _____</p> <p>Description of Feature 1 : _____</p> <p>_____</p> <p>_____</p> <p>Description of Feature 2 : _____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR			
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Excellent												
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NR												
A3c	<p>Explain how a marketing organization that you studied affects the export of your selected export primary product. Use units and values, where appropriate to help in your explanation.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th>Proficient</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Moderate</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Proficient	Level	Excellent		Moderate		Weak		NR	
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SECTION B: SUSTAINABLE PRIMARY PRODUCTION

Assessor's use only

B4	<p>Primary Production Practices</p> <p>Select a plant that is grown in your country for local sales or for export.</p> <p>Country _____(No mark)</p> <p>Name of plant _____(No mark)</p> <p>Given in the box below are FOUR management practices that farmers can use to maintaining sustainable production of their plant.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%; text-align: center;"> <p>Management practices</p> <ol style="list-style-type: none"> 1. Soil management practice 2. Water management practice 3. Waste management practice 4. Labour availability </div>									
B4a	<p>For your named plant, select TWO management practices from the list to answer Questions B4ai to B4aiv. State what each management practice mean and describe how they contribute to maintaining sustainable production of your named plant. Give ONE relevant example to support your answer.</p>									
B4ai	<p>Selected management practice 1: _____</p> <p>Meaning _____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #cccccc;"> <th style="padding: 2px;">Basic</th> <th style="padding: 2px;">Level</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Excellent</td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="padding: 2px;">Weak</td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="padding: 2px;">NR</td> <td style="width: 20px; height: 20px;"></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
Basic	Level									
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B4aii	<p>Description _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #cccccc;"> <th style="padding: 2px;">Basic</th> <th style="padding: 2px;">Level</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Excellent</td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="padding: 2px;">Weak</td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="padding: 2px;">NR</td> <td style="width: 20px; height: 20px;"></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
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B4aiii	Selected management practice 2: _____ Meaning _____ _____ _____ _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Basic</th> <th style="width: 50%;">Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR			
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B4aiv	Description _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Basic</th> <th style="width: 50%;">Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR			
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Weak												
NR												
B4av	From the TWO management practices you have described above, which ONE would you recommend to have a better influence on your named plant. Recommended management practice: _____ (No mark) Justify your answer, using units and values where appropriate. _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Proficient</th> <th style="width: 50%;">Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Moderate</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Proficient	Level	Excellent		Moderate		Weak		NR	
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<p>B5</p> <p>B5a</p> <p>B5ai</p> <p>B5aii</p>	<p>Husbandry and Agronomy Practices</p> <p>Describe an animal disease and explain how the control of disease can improve long term production of a farm animal that you have studied this year. Give an example of a control method that was or can be used.</p> <p>Name of farm animal _____ (No mark)</p> <p>Name and describe a disease that affects production of farm animals.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Explain how control of the disease can improve long term production of the farm animal.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Proficient</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Moderate</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR		Proficient	Level	Excellent		Moderate		Weak		NR	
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<p>B5b</p>	<p>Describe how crop rotation can improve the long term production for a plant that you studied this year. Give an example including the names of plants to be used and their importance to crop rotation in your country.</p> <p>Name of plant _____ (No mark)</p> <p>Description _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR											
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<p>B5c</p>	<p>Describe the use of a fertilizer application strategy to sustain production of a plant that you have studied this year. Include the name of fertilizer and when and how it is applied.</p> <p>Name of plant _____ (No mark)</p> <p>Description _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR											
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Weak																				
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B5d	<p>Describe the use of certified seed to improve the long term production of a plant that you have studied this year. Include an example with volumes and units where appropriate.</p> <p>Name of plant _____ (No mark)</p> <p>Description _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Basic</th> <th style="width: 50%;">Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
Basic	Level									
Excellent										
Weak										
NR										
B6	<p>Global Agricultural Issues</p> <p>The agricultural issues listed in the box below can have negative and/or positive impacts on local primary products produced in the Pacific Islands.</p> <p>You are required to select ONE agricultural issue from the list. Refer to a particular primary product (plant or animal) that you have studied when answering this question. Use examples, units, and values, where appropriate.</p> <p>The global agriculture issues to choose from are:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <ol style="list-style-type: none"> 1. Invasive species 2. Genetic resource conservation 3. Genetic engineering 4. Organic husbandry 5. Pollution </div>									
B6ai	<p>Describe TWO courses of action in your country that primary producers have taken or could take to prevent or minimise the negative impacts of the selected agricultural issue on local primary production.</p> <p>Course of action 1: _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Basic</th> <th style="width: 50%;">Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
Basic	Level									
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B6aii	<p>Course of action 2: _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Basic</th> <th style="width: 50%;">Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
Basic	Level									
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B6b

For EACH of the courses of action you have described in part (B6a), clearly evaluate ONE strength and ONE weakness. You must state relevant units and values relating to the course of action. Write the TWO courses of actions and your answers in the appropriate boxes in the given table.

	Strength	Weakness
Course of action 1		
Course of action 2		

Advanced	Level
Exceed	
Excellent	
Moderate	
Low	
Weak	
NR	

Advanced	Level
Exceed	
Excellent	
Moderate	
Low	
Weak	
NR	

<p>B6c</p>	<p>Of the TWO courses of action you have evaluated in part (B6b), which ONE would you recommend as better for your country's primary producers to use to prevent or minimise the negative impact and effects of your chosen issue on local primary production.</p> <p>Recommended course of action: _____ (No mark)</p> <p>Justify your choice by explaining why it would be more effective at preventing or minimising the negative environmental impacts of your issue compared with the other course of action.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Proficient</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Moderate</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Proficient	Level	Excellent		Moderate		Weak		NR	
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<p>B6d</p>	<p>Define the term "sustainable production".</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR			
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SECTION C: PRODUCTION MANAGEMENT

Assessor's use only

PART A FARM ANIMAL PRODUCTION MANAGEMENT										
C7	<p>Schedule of Operations</p> <p>Answer ALL questions. Select a locally produced farm animal product and its specific market that you have studied to answer the questions given.</p> <p>Nationally significant produced farm animal: _____ (No mark)</p> <p>Specific market for the produced farm animal: _____ (No mark)</p> <p>Farmers follow a sequence of steps of management practices in order to produce a farm animal product that meets the requirements of different markets.</p> <p>Listed in the box below are eleven management practices carried out in a calendar of operations in the production of your chosen animal.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <ul style="list-style-type: none"> - supplementary feeding - post-harvesting grading - disease control - breed selection - slaughtering - pest control - mating - culling - post harvesting packing - marketing - rearing young </div>									
C7a	<p>List these management practices in sequence as they occur in the production schedule from the first (1) to the last (11) activity.</p> <p>1. _____ 7. _____</p> <p>2. _____ 8. _____</p> <p>3. _____ 9. _____</p> <p>4. _____ 10. _____</p> <p>5. _____ 11. _____</p> <p>6. _____</p>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
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C7b	<p>Describe TWO management practices that must be carried throughout the management period.</p>									
C7bi	<p>Management practice 1 _____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
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C7bii	Management practice 2 _____ _____ _____ _____	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
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NR										
C7c	Select THREE management practices from the following list to answer Questions C7ci to C7civ. <div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 10px auto;"> <ul style="list-style-type: none"> - Supplementary feeding - Mating - Culling - Post-harvesting - Marketing </div> Describe how the timing of each selected management practice contributes to the production of your chosen animal or animal product. Give an example to support your answer.									
C7ci	Management practice 1: _____ Description _____ _____ _____ _____	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
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<p>C7civ</p>	<p>From your selected management practices described in C7ci – C7ciii, select the one that has the most contribution to the production of your chosen animal or animal product. Justify your answer by comparing its contribution to that of another management practice. Give an example to support your answer.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Proficient</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Moderate</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Proficient	Level	Excellent		Moderate		Weak		NR					
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<p>C8</p>	<p>Factors influencing the schedule of operations</p>															
<p>C8a</p>	<p>Explain how the land tenure system of your country has an influence on the production of your chosen animal. Use a relevant example to support your answer.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Proficient</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Moderate</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Proficient	Level	Excellent		Moderate		Weak		NR					
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<p>C8b</p>	<p>Evaluate how supplementary feeding for your chosen animal is affected by farmer's capital. In your answer, you must define the meaning of the term "capital" and then justify how it affects supplementary feeding. Provide an example to support your answer.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Advanced</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Exceed</td> <td></td> </tr> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Moderate</td> <td></td> </tr> <tr> <td>Low</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Advanced	Level	Exceed		Excellent		Moderate		Low		Weak		NR	
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C8c	A recent technological development may be considered to be a new method that helps animal production management.															
C8ci	<p>Describe a recent technological development in mating of your chosen animal.</p> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR							
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C8cii	<p>Describe how the technological development in part (C8ci) above, has affected the schedule of operations and/or production practices. Support your answer with relevant example.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR							
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C8d	<p>The use of family labour is a common practiced in the Pacific islands. Evaluate how the use of family labour affects the post harvesting of a farm animal or animal product that you have studied. In your answer you must include any TWO practices from the following list of steps: <i>quality control, grading and sorting, packaging and handling, or storage</i>. Provide a relevant example to support your answer.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Advanced</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Exceed</td> <td></td> </tr> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Moderate</td> <td></td> </tr> <tr> <td>Low</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Advanced	Level	Exceed		Excellent		Moderate		Low		Weak		NR	
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PART B PLANT PRODUCTION MANAGEMENT												
C9	<p>Answer ALL questions. Select a locally produced plant product and its specific market that you have studied to answer the questions given.</p> <p>Nationally significant produced plant: _____ (No mark)</p> <p>Specific market for the produced plant: _____ (No mark)</p>											
	<p>Schedule of Operations</p> <p>In order to meet the quantity demanded by the market of your chosen plant, it is necessary to maintain the accuracy with the timing of important management practices within the production process.</p> <p>(a) Describe TWO management practices used in the production process for your selected primary plant product that are important in improving the quantity of produce.</p> <p>(b) For each management practice, clearly outline :</p> <p>i. when it is carried out during the year</p> <p>ii. how long it is carried out during the year</p> <p>AND</p> <p>(c) Explain how the stated time of year, when the management practice is carried out, contributes to the production of product that meets the quantity requirements of the market opportunity. Support your answer with relevant values and units.</p>											
C9a	<p>Name of management practice 1: _____</p> <p>Description _____</p> <p>_____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR			
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C9b	<p>When is it carried out during the year? _____</p> <p>_____</p> <p>How long is it carried out during the year? _____</p> <p>_____</p>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR			
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C9g	From your selected management practices explained above, select the one that has the most contribution to the production of your chosen plant or plant product. Justify your answer by comparing its contribution to another management practice. Give an example to support your answer. _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Proficient</th> <th style="width: 50%;">Level</th> </tr> <tr> <td>Excellent</td> <td style="text-align: center;"> </td> </tr> <tr> <td>Moderate</td> <td style="text-align: center;"> </td> </tr> <tr> <td>Weak</td> <td style="text-align: center;"> </td> </tr> <tr> <td>NR</td> <td style="text-align: center;"> </td> </tr> </table>	Proficient	Level	Excellent		Moderate		Weak		NR	
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C10	Factors influencing the schedule of operations															
C10a	<p>Describe the effect of farmer`s capital on land preparation. Support your answer with relevant example, values and units from a named plant that you have studied.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR							
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C10b	A recent technological development may be considered to be a new method that helps the production management of your selected plant.															
C10bi	<p>Describe a recent technological development in breeding of your chosen plant.</p> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR							
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C10bii	<p>Evaluate how this technological development has affected the packaging and/or handling of your plant product. Support your answer with relevant example, value and unit from a named plant that you have studied.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Advanced</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Exceed</td> <td></td> </tr> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Moderate</td> <td></td> </tr> <tr> <td>Low</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Advanced	Level	Exceed		Excellent		Moderate		Low		Weak		NR	
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Assessor's use only

C10c	China's recent emergence as a major agricultural importer has opened new markets for Pacific Islands Agricultural products. Market demand for pumpkins, meat and dairy products are amongst those on the rise.									
C10ci	Define the term "market demand". <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
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C10cii	Describe how market trends over the past three years have affected quality control of a farm product you studied this year. <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
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C10ciii	Give Three examples of dairy products. <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
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C10civ	Suggest ONE advantage to a Pacific agricultural producer of the increasing international market opportunities. <hr/> <hr/> <hr/> <hr/>	<table border="1"> <thead> <tr> <th>Basic</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td></td> </tr> <tr> <td>Weak</td> <td></td> </tr> <tr> <td>NR</td> <td></td> </tr> </tbody> </table>	Basic	Level	Excellent		Weak		NR	
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