MARKER CODE		Student Personal Identification Number

South Pacific Form Seven Certificate

GEOGRAPHY

2019

QUESTION and ANSWER BOOKLET

Time allowed: Three hours

(An extra 10 minutes is allowed for reading this paper.)

INSTRUCTIONS

Write your **Student Personal Identification Number (SPIN)** in the space provided on the top right-hand corner of this page.

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

Use the **Resource Booklet** (No.106/2) provided separately to answer questions on **Strand 3**.

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

Major Learning Outcomes (Achievement Standards)	**Skill Level & Number of Questions**				**Weight/ Time**
	Level 1 ***Uni-structural***	**Level 2** ***Multi-structural***	**Level 3** ***Relational***	**Level 4** ***Extended Abstract***	
Strand 1: Natural Processes Demonstrate an understanding of a geographic environment in the Pacific, focusing on interacting natural processes.	6	2	2	1	20 % 51 min
Strand 2: Cultural Processes Demonstrate an understanding of a cultural process operating within geographic environments at the local, national or global levels.	4	3	2	1	20 % 51 min
Strand 3: Geographic Skills, Concepts and Ideas Demonstrate an understanding of geography skills, concepts and ideas.	9	5	1	2	30 % 78 min
TOTAL	**19**	**10**	**5**	**4**	**70% 180 min**

Check that this booklet contains pages 2–23 in the correct order and that none of these pages are blank.

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

STRAND 1: NATURAL PROCESSES

During this year, you studied a geographic environment in the Pacific, focusing on the interacting natural processes within it.

Choose **ONE** natural process you studied from the box below and write it in the frame provided.

Coastal, Fluvial, Tectonic, Volcanic, Geomorphological, Climate, Hydrological, Biogeographical and Pedological Processes.

Natural Process Studied:

Name the Pacific geographic environment you studied and the local area as an example.

Country:

Local Area:

Assessor's use only

1.1	Name **ONE** interacting natural process operating in your chosen geographic environment. **Interacting Natural Process:** _____ _____	**Unistructural** 1 0 NR
1.2	For your chosen geographic environment, identify **ONE** natural feature that results from the interacting natural processes. **Natural Feature:** _____ _____	**Unistructural** 1 0 NR
1.3	State any **ONE** element of the natural process operating in your chosen geographic environment. **Element of Natural Process:** _____ _____	**Unistructural** 1 0 NR
1.4	Define **temporal variations.** _____ _____ _____	**Unistructural** 1 0 NR
1.5	Define **local spatial variations**. _____ _____ _____	**Unistructural** 1 0 NR

Assessor's use only

1.6 Draw a sketch map to show the distribution of the resulting natural features/phenomena from the interacting natural process you have studied in your chosen Pacific geographic environment.

Provide a title, key and scale for your map.

1.6a Sketch Map:

Title:

Scale:

Multistructural	
2	
1	
0	
NR	

1.6b KEY:

Unistructural	
1	
0	
NR	

Assessor's use only

1.7	Describe the local spatial variations of **ONE** natural process operating in your Pacific geographic environment (how the natural process is different in one part of the environment from another part). Support your description with case study evidence. **Natural Process**: _____	

Multistructural	
2	
1	
0	
NR	

Assessor's use only

1.8	Explain how **ONE** natural process in your Pacific geographic environment operates (the sequence of events that happened; rate and scale in which the natural process works). Support your explanation with specific case study evidence. **Natural Process: _____**	

Relational	
3	
2	
1	
0	
NR	

Assessor's use only

1.9	Explain how the interacting natural processes operating in your chosen Pacific geographic environment have affected the distribution of phenomena.	

Relational	
3	
2	
1	
0	
NR	

Assessor's use only

1.10	Evaluate the extent to which a natural process has been **negatively** modified by human action in your Pacific geographic environment. Use specific case study evidence to support your answer.	

Extended Abstract	
4	
3	
2	
1	
0	
NR	

STRAND 2: CULTURAL PROCESSES

During the year, you have studied a cultural process using illustrative examples from two settings: one from a Pacific Island nation, the other from the rest of the world.

In the frame below, name the cultural process that you have studied.

Cultural Process Studied:

In the frame below, name the Pacific Island nation that you have studied.

Name of the Pacific Island Nation Setting:

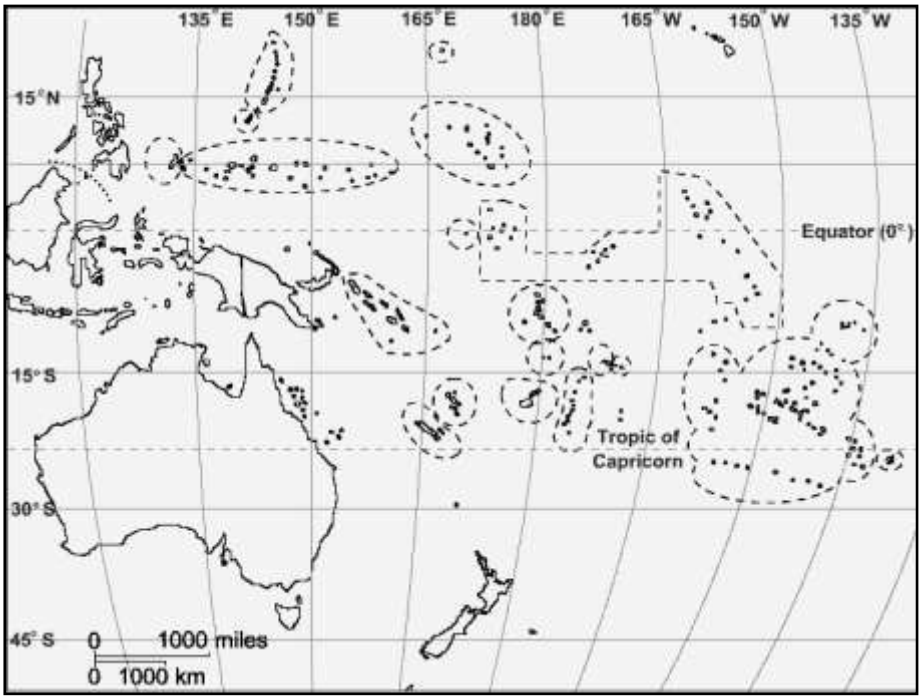
In the frame below, name a country from the rest of the world (overseas) that you have studied such as Australia or New Zealand.

Name of the Rest of the World (overseas) Setting:

Assessor's use only

2.1a On the map below, locate and name your Pacific Island nation setting.

Oceania

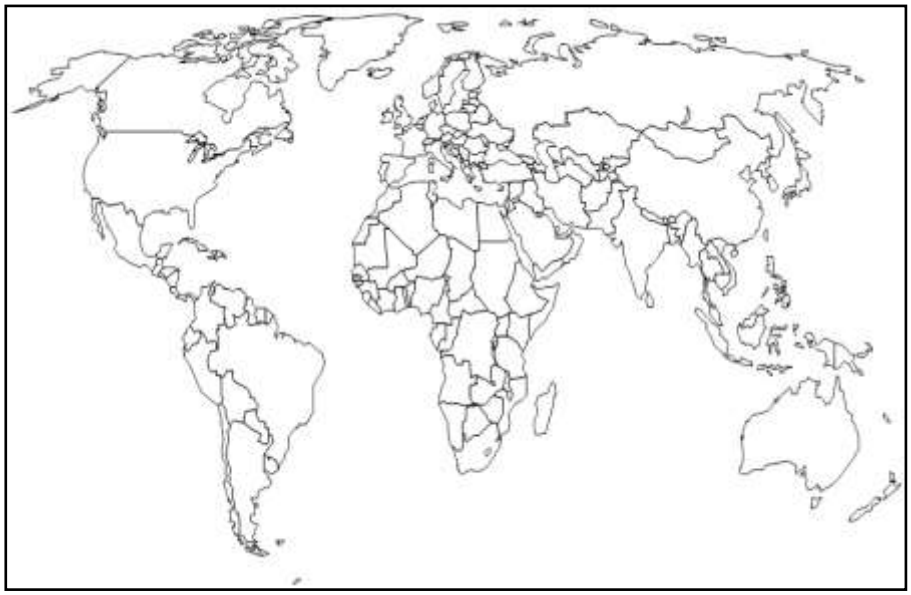


Source: www.picemaps.com

Unistructural	
1	
0	
NR	

2.1b On the map below, locate and name your overseas setting.

World Map



Source: www.podcastinghandbook.co

Unistructural	
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NR	

Assessor's use only

2.2

Choose **ONE** cultural process from the list below:

Migration, Tourism, Industrialisation, Agricultural Change and Changing Land Use.

Cultural Process Studied: _____

For your chosen cultural process, identify **TWO** specific elements of the cultural process within your chosen overseas setting.

1. _____
2. _____

Unistructural	
1	
0	
NR	

2.3a

Draw a sketch map to show how the **TWO** elements of the cultural process operate in your chosen overseas setting. Add a title, key and approximate scale to your map.

Sketch Map:

Title:

Scale:

Multistructural	
2	
1	
0	
NR	

2.3b

KEY:

Unistructural	
1	
0	
NR	

Assessor's use only

2.4	Describe in detail **ONE** element of the cultural process for your chosen Pacific Island nation setting. _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	**Multistructural** 2 1 0 NR
2.5	Explain how your chosen cultural process operates for your chosen Pacific Island nation setting. You can explain the sequence of events that happen, and the rate and scale at which the cultural process happens. Use a specific case study as evidence. **Cultural Process:** _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	**Relational** 3 2 1 0 NR

Assessor's use only

2.6	Explain why there are local spatial variations in the cultural process for your chosen overseas setting. Support your explanation with case study evidence. _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	**Relational** 3 ☐ 2 ☐ 1 ☐ 0 ☐ NR ☐
2.7	With reference to your Pacific Island nation setting, describe **ONE** factor that has brought about changes in your chosen cultural process. Support your description with case study evidence. **Factor**: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	**Multistructural** 2 ☐ 1 ☐ 0 ☐ NR ☐

Assessor's use only

2.8	Evaluate the impact of your chosen cultural process on the people in your Pacific Island nation setting.	

Extended Abstract	
4	
3	
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STRAND 3: GEOGRAPHIC SKILLS, CONCEPTS AND IDEAS

Complete all tasks in this section. These tasks are based on the information provided in the separate Resource Booklet (No.106/2) to test your ability to apply geographical skills, concepts and ideas.

The tasks in this section have been designed so that you can analyse the resources provided and gather information on the environmental issues.

Assessor's use only

<table>
<tr><td>3.1</td><td><u>Task 1</u>: <u>Application of Geographic Concepts and Ideas - Introduction</u>

Study Resource 1, which is the Economic Activity at Guyana, on page 2 of the Resource Booklet to answer questions 3.1a–3.1c.</td><td></td></tr>
<tr><td>3.1a</td><td>With reference to Resource 1 on page 2, state the economic activity at Lethem.

_____</td><td><table><tr><th colspan="2">Unistructural</th></tr><tr><td>1</td><td></td></tr><tr><td>0</td><td></td></tr><tr><td>NR</td><td></td></tr></table></td></tr>
<tr><td>3.1b</td><td>With reference to Resource 1 on page 2, identify a problem that will be faced by the people of Georgetown.

_____</td><td><table><tr><th colspan="2">Unistructural</th></tr><tr><td>1</td><td></td></tr><tr><td>0</td><td></td></tr><tr><td>NR</td><td></td></tr></table></td></tr>
<tr><td>3.1c</td><td>With reference to Resource 1 on page 2, name a gold mining site.

_____</td><td><table><tr><th colspan="2">Unistructural</th></tr><tr><td>1</td><td></td></tr><tr><td>0</td><td></td></tr><tr><td>NR</td><td></td></tr></table></td></tr>
</table>

Assessor's use only

3.2

<u>Task 2</u>: <u>Interpretation of a Topographic Map</u>

Study Resource 2 on pages 3 and 4 of the Resource Booklet, which is the Topographic Map of Beacon Rock State, to answer questions 3.2a–3.2d.

3.2a Name the **natural feature** located at the six Grid Reference site given below.

Grid Reference	Natural Feature
219388	

Unistructural	
1	
0	
NR	

3.2b In what direction is Little Beacon Rock from North Bonneville?

_____

_____

Unistructural	
1	
0	
NR	

3.2c Calculate the area of Beacon Rock State.

_____

Unistructural	
1	
0	
NR	

3.2d Determine the height at point H in metres.

_____

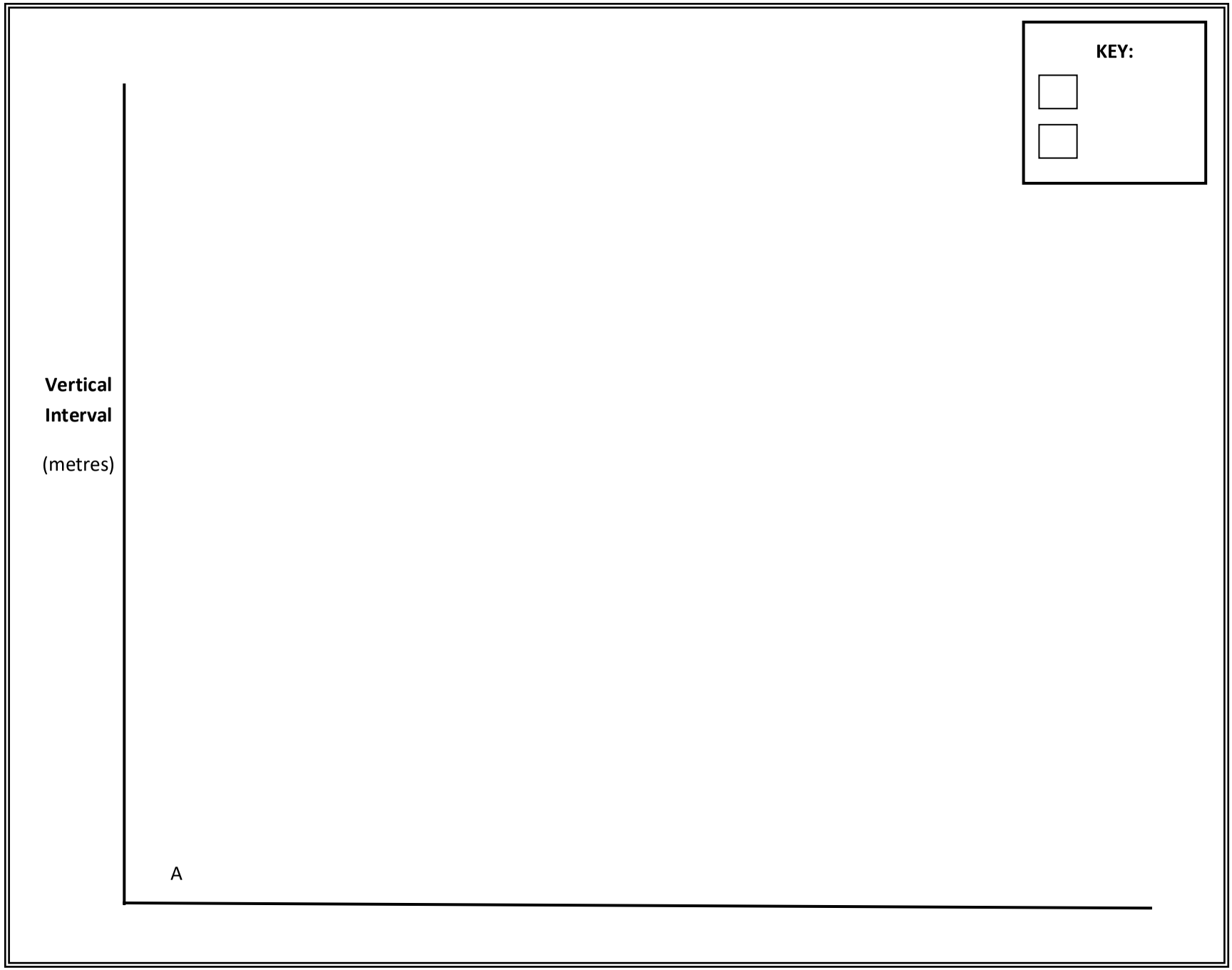
_____

_____

Unistructural	
1	
0	
NR	

Assessor's use only

3.3	**<u>Task 3:</u> <u>Map Reading and Drawing Cross Section** **Study Resource 3 on page 5, which is the Topographic Map of Tanoa Village, to answer questions 3.3a and 3.3b.**	
3.3a	Draw a cross section of Tanoa Village from Point A to Point B in the frame provided on page 18, and include the following features in your drawing: (i) Point X (ii) River Tania	**Multistructural** 2 1 0 NR
3.3b	Draw the key for the cross section in question 3.3a. Use the space provided on page 18.	**Unistructural** 1 0 NR


KEY:
Vertical
Interval
(metres)
A

Assessor's use only

3.4 **<u>Task 4</u>: <u>Interpretation of Rainfall Graph</u>**

Use Resource 4 on page 6, which is the Rainfall Graph of Blue Mountains, to answer questions 3.4a–3.4c.

3.4a Interpret the bar graph and state the **wettest and the driest** months.

Wettest Month: _____

Driest Month: _____

Multistructural	
2	
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3.4b Make a generalisation regarding the rainfall pattern in Blue Mountains.

_____

_____

_____

_____

_____

_____

_____

_____

Multistructural	
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3.4c Calculate the **average rainfall** for Blue Mountains from January to December.

Average Rainfall: _____

Relational	
3	
2	
1	
0	
NR	

Assessor's use only

3.5	**<u>Task 5:</u> <u>Cartoon Interpretation** **Use Resource 5 on page 7 of the Resource Booklet to help you answer question 3.5a.**	
3.5a	Interpret the comment the artist is making about the changes in our environment due to chemicals and other pollutants. _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	**Multistructural** 2 ____ 1 ____ 0 ____ NR ____

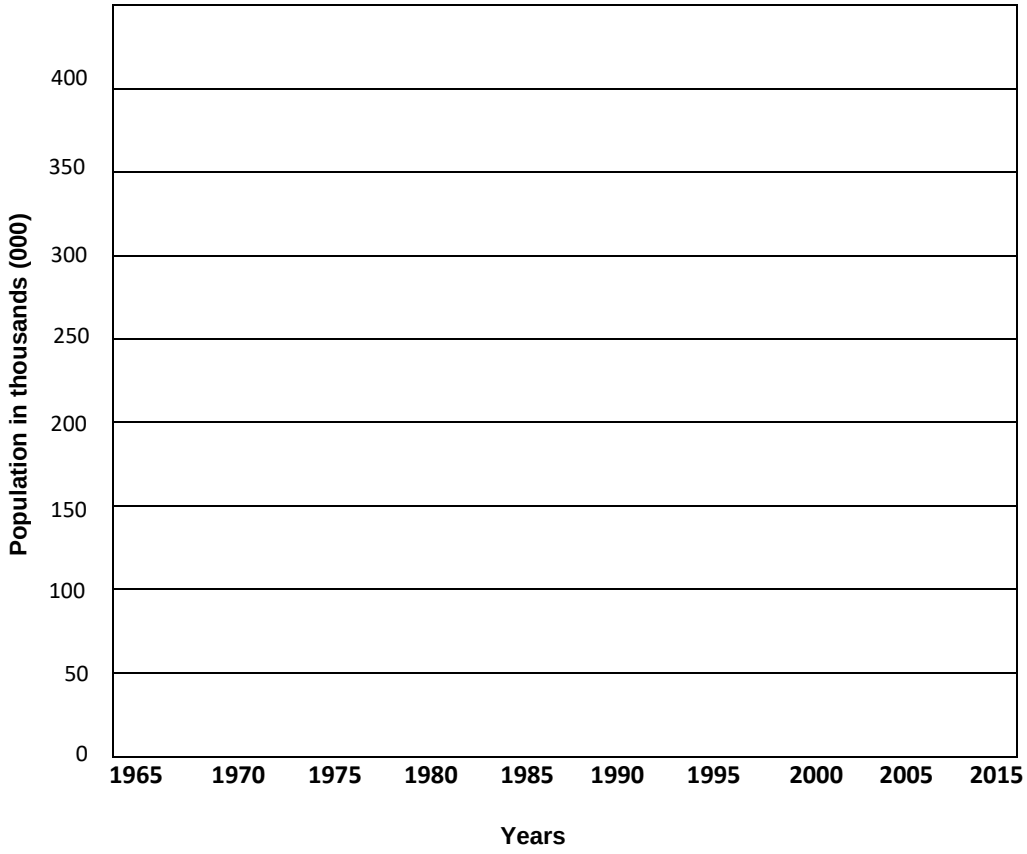
Assessor's use only

3.6 **Task 6: Graph Construction**

Use Resource 6 on page 8 of the Resource Booklet, *Vanuatu Population by Year*, to help you answer questions 3.6a and 3.6b.

3.6a Construct a **Line Graph** to show population growth in Vanuatu over the past 50 years.

Title: _____



Multistructural	
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3.6b

KEY:

Unistructural	
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Assessor's use only

3.7	**<u>Task 7</u>: <u>Excerpt Interpretation</u>** **Use Resource 7 on page 9, which explains the effects of deforestation in South America, and Resource 8 on pages 10 and 11 on mitigation and adaptation, to help you answer questions 3.7a and 3.7b.**	
3.7a	From the information in Resource 7, discuss **one** impact of deforestation on the soil and **one** impact of deforestation on the natural ecosystem of South America.	

Extended Abstract	
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Assessor's use only

3.7b	Choose **any two** mitigation strategies listed in Resource 8(a) and (b), on pages 10 and 11 of the Resource Booklet and evaluate their effectiveness in addressing the issue of climate change. In your answer, include the practicality of the strategies chosen and where possible make suggestions.	

Extended Abstract	
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THE END