

MARKER CODE				



STUDENT ENROLMENT NUMBER (SEN)									

# TONGA SCHOOL CERTIFICATE

## 2025

# GEOGRAPHY

## QUESTION AND ANSWER BOOKLET

Time allowed: 3 Hours

### INSTRUCTIONS:

1. Write your **Student Enrolment Number (SEN)** on the top right-hand corner of this page.
2. This paper consists of **THREE SECTIONS** and is out of 70 weighted scores.

Answer **SECTION A**, **SECTION B** and **TWO QUESTIONS** only from **SECTION C**.

SECTION	STRANDS	TOTAL SKILL LEVEL
<b>A</b>	<b>GEOGRAPHICAL SKILLS AND IDEAS</b>	<b>22</b>
<b>B</b>	<b>PHYSICAL ENVIRONMENT</b>	<b>34</b>
<b>C</b>	<b>CULTURAL ENVIRONMENT</b> (Answer <b>ONLY TWO</b> Questions)	<b>14</b>
<b>TOTAL</b>		<b>70</b>

3. Write your answers in the spaces provided in this booklet.
4. There is a topographic map of **Western 'Eua No.531/2**.
5. Use a **BLUE** or **BLACK** ball point pen only for writing. Use a pencil for drawing if required.
6. If you need more spaces for answers, ask the supervisor for extra paper. Write your **Student Enrolment Number (SEN)** on each additional sheet, number the questions clearly and insert them in the appropriate places in this booklet.
7. Check that this booklet contain pages **2-23** in the correct order and that none of the pages is blank.

**YOU MUST HAND IN THIS BOOKLET TO THE SUPERVISOR BEFORE YOU LEAVE THE EXAMINATION ROOM.**

**SECTION A: GEOGRAPHICAL SKILLS AND IDEAS**  
*(You should spend about 42 minutes on this section.)*

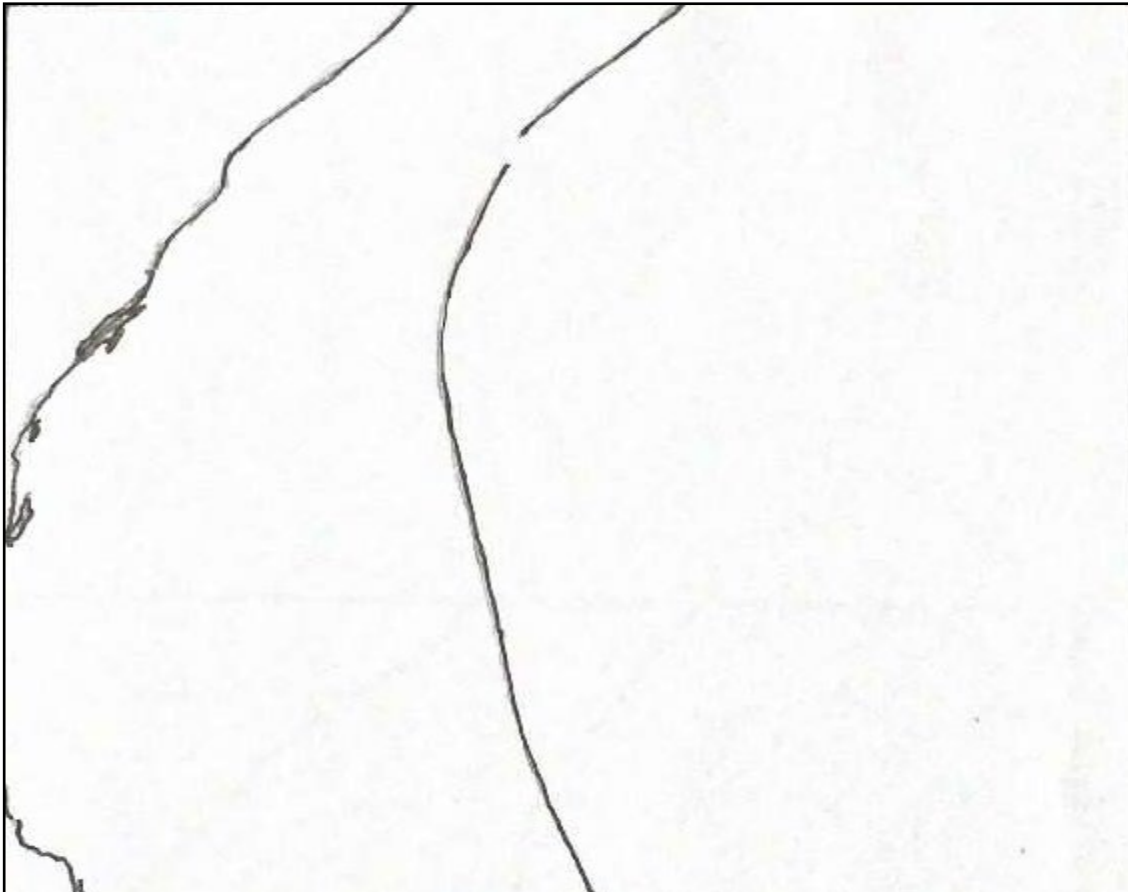
**GEOGRAPHICAL SKILLS**

**Question 1: Map Drawing**

Study the **Topographic Map** of **Western ‘Eua** on sheet **No.531/2**. On the précis map below **locate** and **name** the;

- Point of entry
- Largest area of woodland

**PRECIS MAP OF WESTERN ‘EUA**



**KEYS**

	Point of entry
	Largest area of woodland

Skill level 1	
1	
0	
NR	

Skill level 1	
1	
0	
NR	

## Question 2: Map Reading

Study the **map of Western 'Eua** on sheet **No.531/2**, then answer the questions that follow.

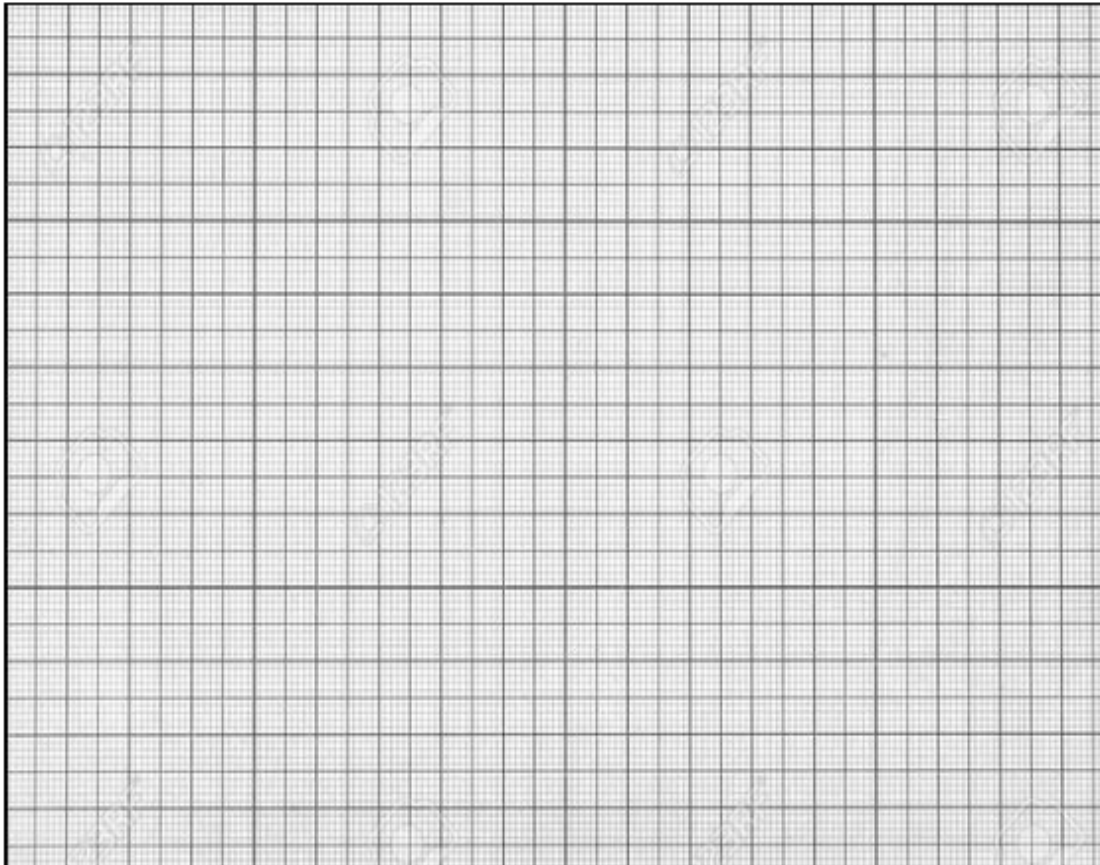
- a. Measure the **distance** by road from Tukia quest House to Hofangahau College.

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- b. Name the **cultural feature** at grid reference 767214.

\_\_\_\_\_

- c. Draw the cross-section of line **A – B**.



Skill level 2	
2	
1	
0	
NR	

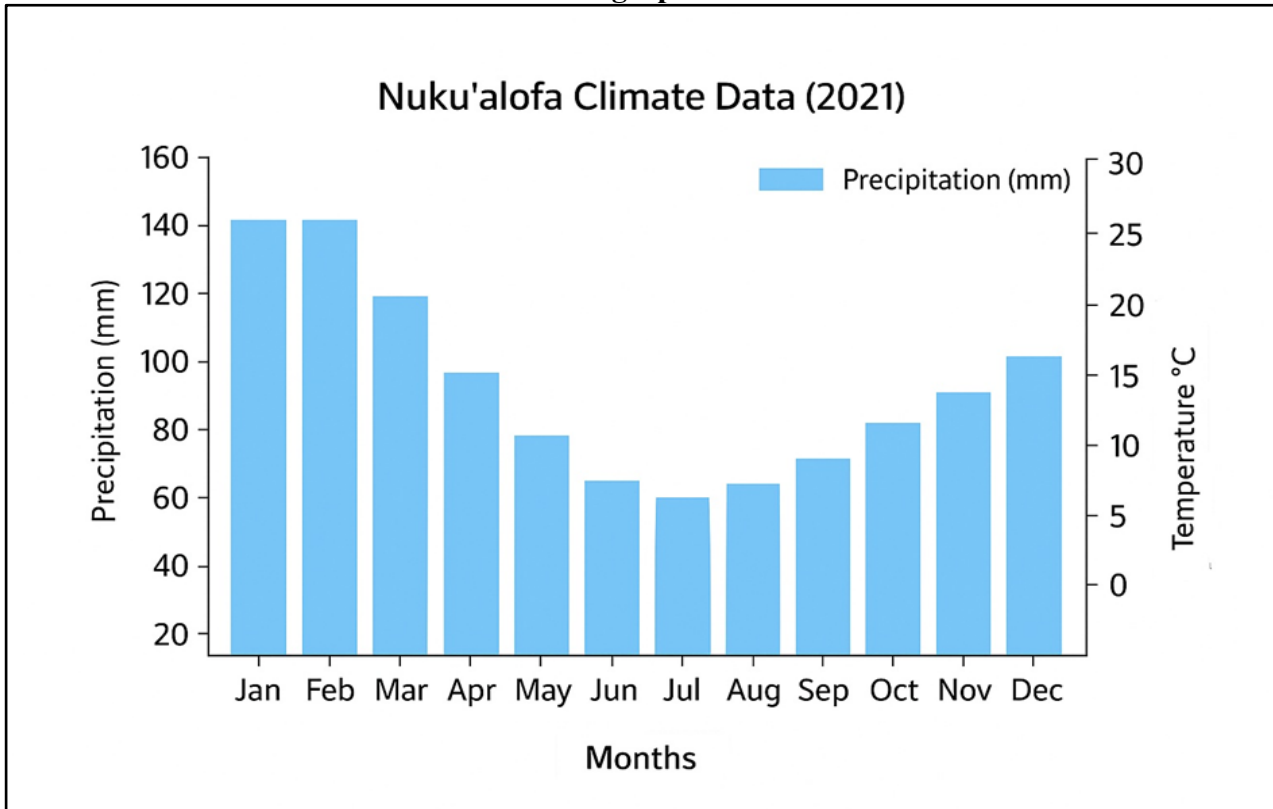
Skill level 3	
3	
2	
1	
0	
NR	

Skill level 4	
4	
3	
2	
1	
0	
NR	

**Question 3: Graph Interpretation**

Study **Resource 1** below, then answer the questions that follow.

**Resource 1: Climograph of Nuku‘alofa - 2021**



Source: [www.weather-atlas.com/en/tonga/nukualofa-climate](http://www.weather-atlas.com/en/tonga/nukualofa-climate).

Month(s)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Temperature (°C)	29	30	29	27	20	20	18	25	19	20	28	29

a. On the graph above, plot the temperature (°C) data from the table to show the climate pattern.

Skill level 3	
3	
2	
1	
0	
NR	

b. Calculate the annual temperature of Nuku‘alofa for the year 2021.

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Skill level 2	
2	
1	
0	
NR	



**SECTION B:**

**PHYSICAL ENVIRONMENT**

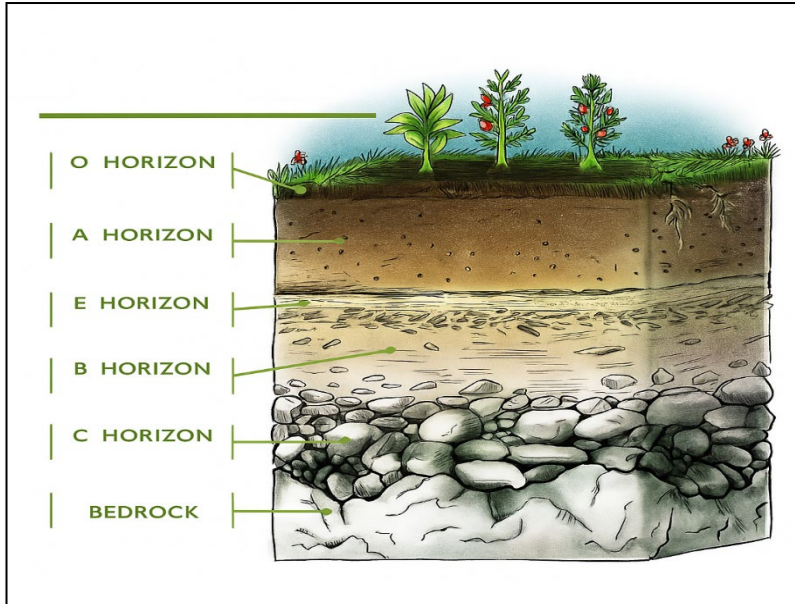
*(You should spend about 48 minutes in this section.)*

**ANSWER ALL QUESTIONS IN THIS SECTION.**

**Question 5: Soil**

Study **Resource 2** below, then answer the questions that follow.

**Resource 2: Soil Layers**



a. Name the soil layer **A Horizon**

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Skill level 1	
1	
0	
NR	

b. Name the process in which water carrying dissolved nutrients moves down through the soil layers.

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Skill level 1	
1	
0	
NR	

c. Describe the characteristics of the soil layer **O Horizon**.

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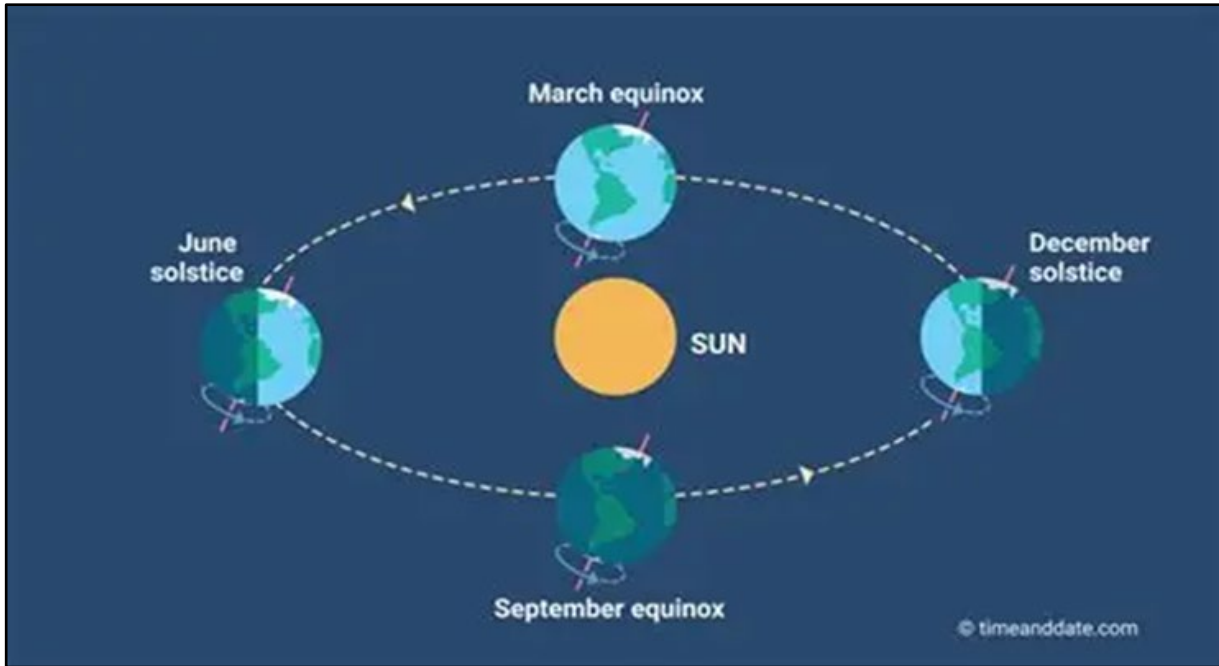
Skill level 2	
2	
1	
0	
NR	



**Question 6: Climate**

Study **Resource 3** below carefully then answer the questions that follow.

**Resource 3: Four Seasons**



Source: [www.c.tadst.com/gfx/1200x675/equinoxes-and-solstice.png](http://www.c.tadst.com/gfx/1200x675/equinoxes-and-solstice.png).

a. Identify the season experienced in the Northern Hemisphere on the 21<sup>st</sup> of March.

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Skill level 1	
1	
0	
NR	

b. Describe the nature of the season in the Southern Hemisphere during December.

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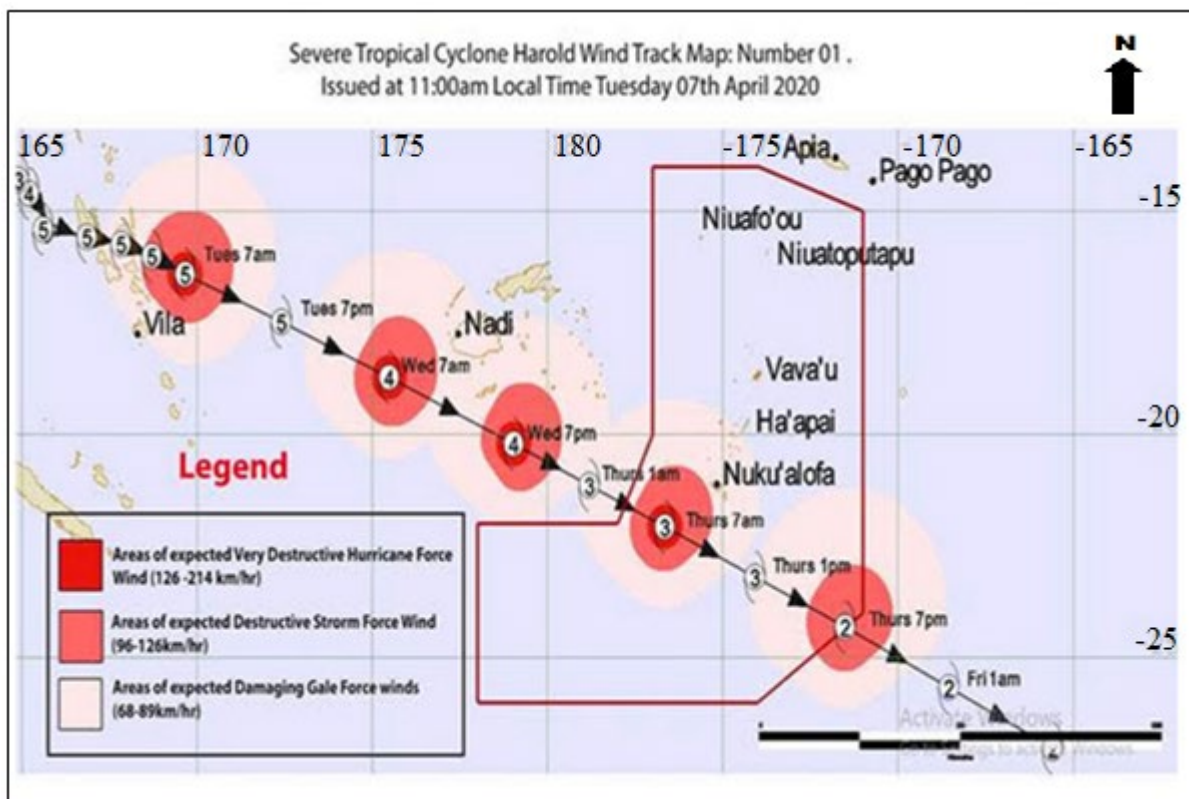
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Skill level 2	
2	
1	
0	
NR	

### Question 7: Tropical Cyclones

Study **Resource 4**, then answer the questions that follow.

#### Resource 4: Pathway of Tropical Cyclone Harold, 2020



Source: [www.ausstormscience.com/tropical-cyclones/tc-harold](http://www.ausstormscience.com/tropical-cyclones/tc-harold)

- a. Identify **ONE (1) factor** that caused the formation of Tropical Cyclone Harold.

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- b. Describe the pathway that Severe Tropical Cyclone Harold followed as it moved from around 16°S to 28°S.

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Skill level 1	
1	
0	
NR	

Skill level 2	
2	
1	
0	
NR	

**Question 8: Interaction**

Study **Resource 5** carefully, then answer the questions that follow.

**Resource 5: Island Formation**

**Figure A**



**Figure B**



*Source: www.stock.adobe.com/search.*

a. Name the island type shown in **Figure B**.

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Skill level 1	
1	
0	
NR	

b. Describe the features of the island type shown in **Figure A**.

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\_\_\_\_\_  
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\_\_\_\_\_

Skill level 2	
2	
1	
0	
NR	

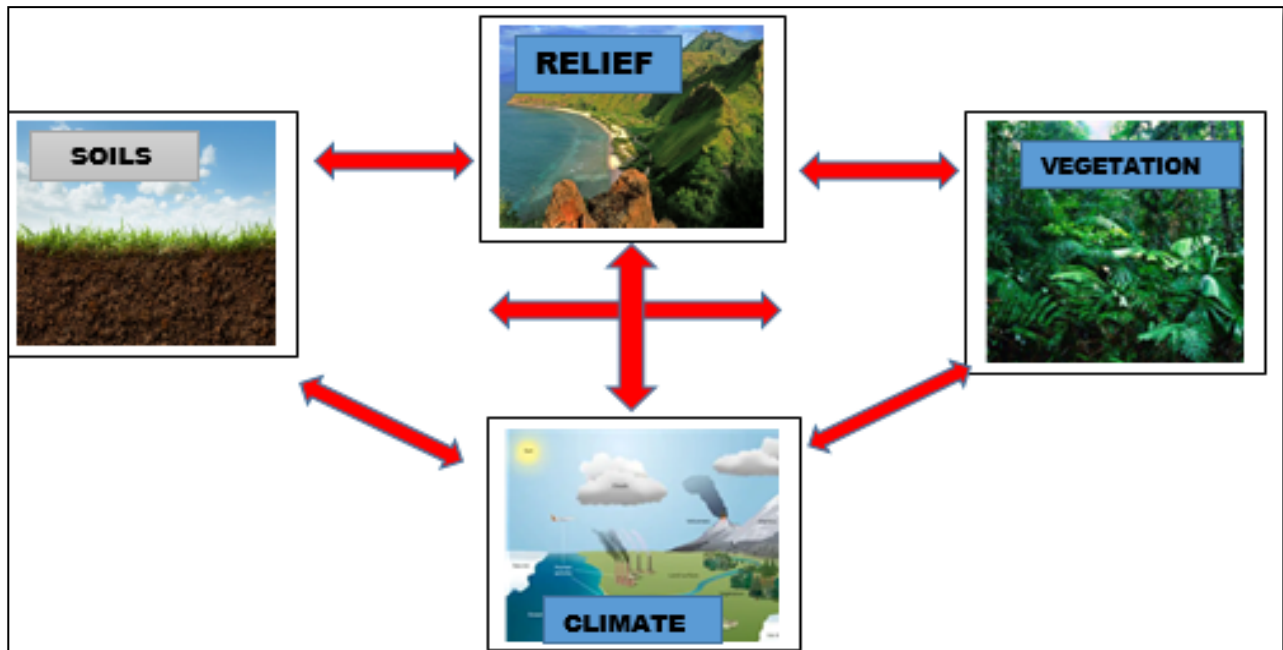




**Question 10: Interaction**

Study **Resource 7** carefully, then answer the questions that follow.

**Resource 7: Interactions**



Source: [www.ephsgeog2019.weebly.com](http://www.ephsgeog2019.weebly.com)

a. Define **Interaction**.

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Skill level 1	
1	
0	
NR	

b. Explain the interaction between **Climate** and **Relief**.

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Skill level 3	
3	
2	
1	
0	
NR	

**Question 11: Paragraph Writing**





**SECTION C:**

**CULTURAL ENVIRONMENT**

**You must ANSWER ONLY TWO Questions from this section**

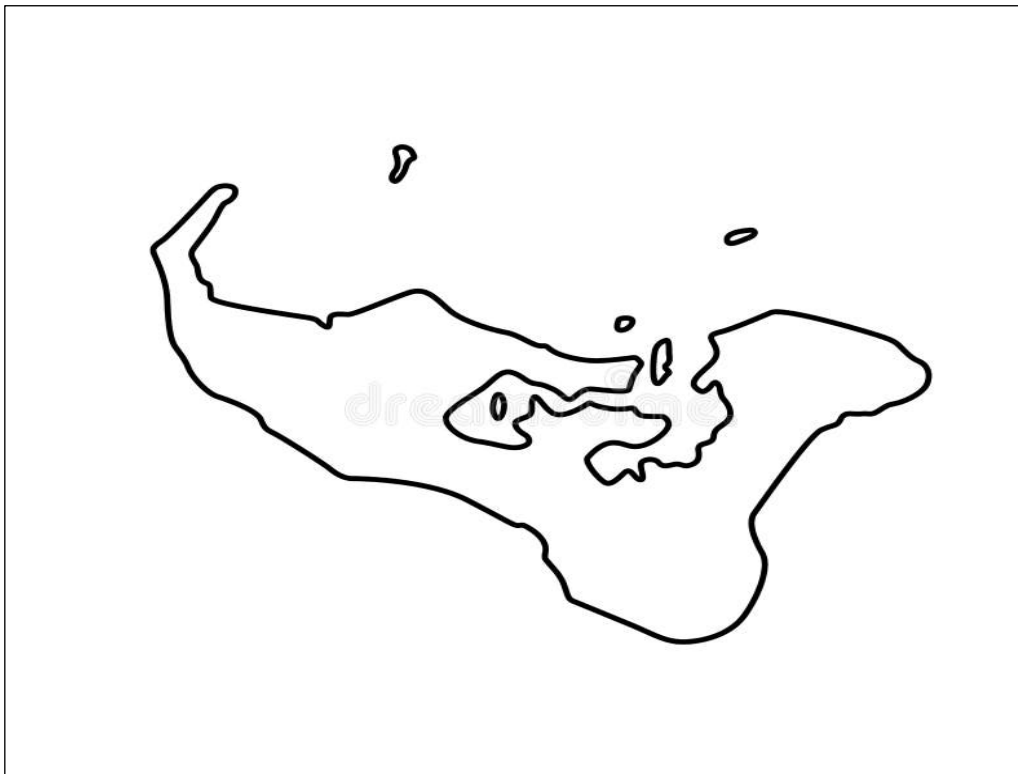
**QUESTION 1: TOURISM**

**Part A: Nature and Element of Tourism**

On the map of Tongatapu, **locate and name:**

- **ONE** natural tourist attraction
- **ONE** cultural tourist attraction

**MAP OF TONGATAPU**



**KEYS**


**ONE** natural tourist attraction

**ONE** cultural tourist attraction

Skill level 1	
1	
0	
NR	

Skill level 1	
1	
0	
NR	

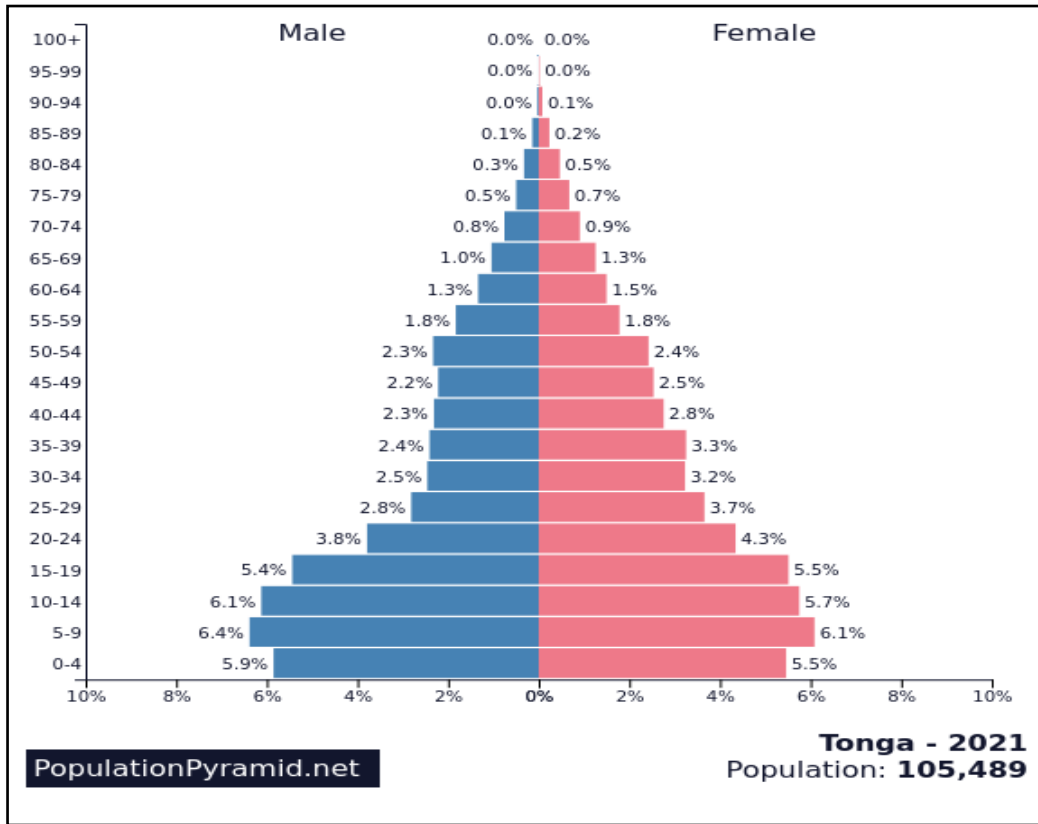


**QUESTION 2: POPULATION STUDIES**

**Part A: Structure of Population**

Study the **Population Pyramid of Tonga** below then answer the questions that follow.

**Resource 10: Tonga Population Pyramid of Tonga, 2021**



Source: Tonga Statistic Department.

a. Define **Population pyramid**.

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Skill level 1	
1	
0	
NR	

b. Describe the characteristics of Tonga’s population structure in 2021.

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Skill level 2	
2	
1	
0	
NR	



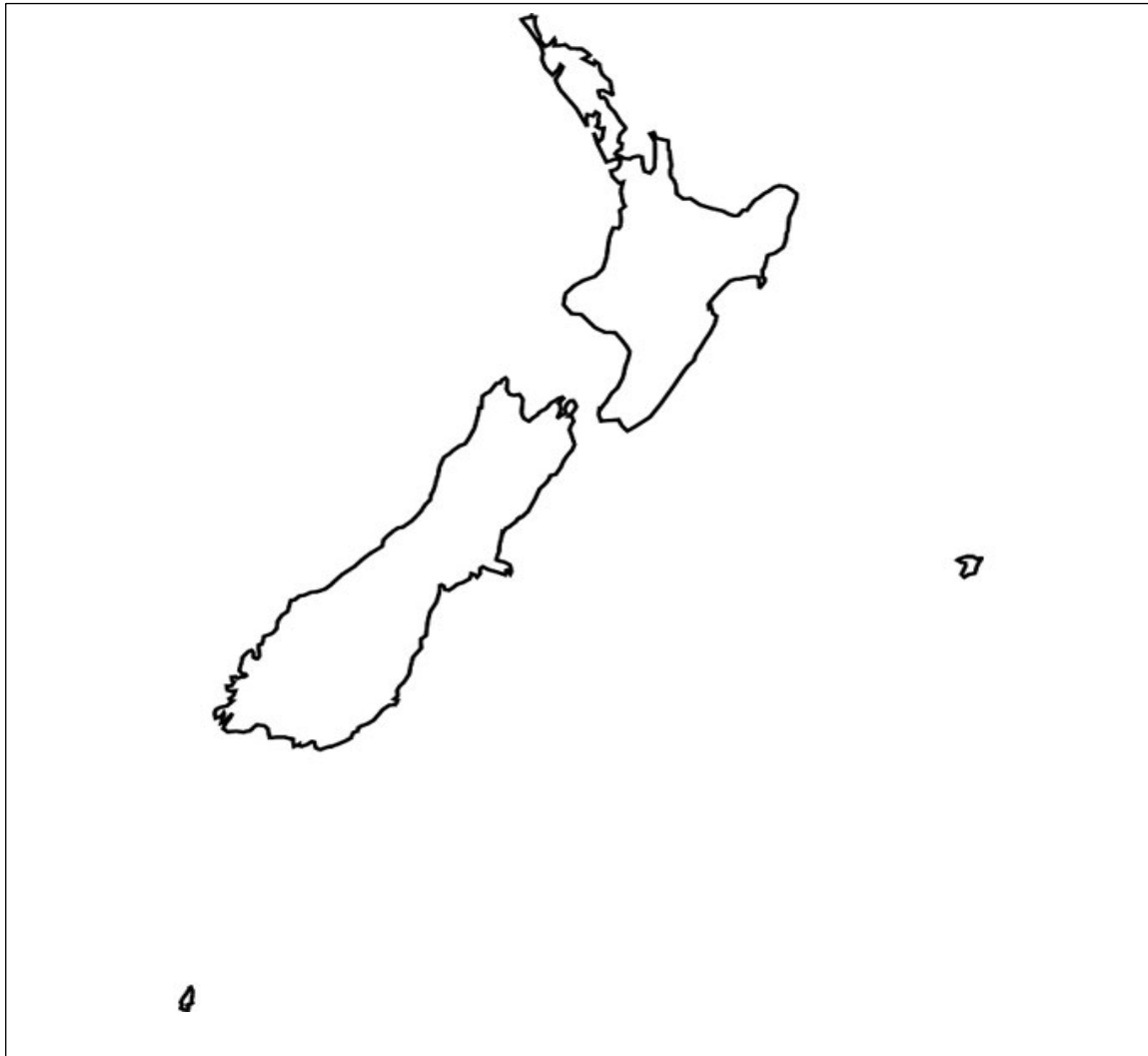
**QUESTION 3: AGRICULTURAL STUDIES**

**Part A: Types of Agricultural system**

On the outline map below, **locate** and **name**:

- ONE fruit growing area
- ONE area of dairy farming

**MAP OF NEW ZEALAND**



**KEYS**


ONE fruit growing area

ONE area of dairy farming

Skill level 1	
1	
0	
NR	

Skill level 1	
1	
0	
NR	

**Part B: Agricultural Change and Problems**

Study **Resource 12** carefully, then answer the questions that follow.

**Resource 12: Squash Farming in Tonga.**



a. Describe the features of a commercial farming.

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Skill level 2	
2	
1	
0	
NR	

b. Explain the disadvantages of the agricultural method used in **Resource 12**.

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Skill level 3	
3	
2	
1	
0	
NR	

**QUESTION 4: INDUSTRIALIZATION (Manufacturing and Trade)**

**Part A: Types of Manufacturing Industries**

On the outline map of Japan, **locate** and **name**:

- **ONE** Light Manufacturing Industry
- **ONE** Major export port

**MAP OF JAPAN**



**KEYS**


**ONE** Light Manufacturing Industry

**ONE** major export port

Skill level 1	
1	
0	
NR	

Skill level 1	
1	
0	
NR	

