

MARKER CODE				



STUDENT ENROLMENT NUMBER (SEN)									

TONGA NATIONAL FORM SEVEN CERTIFICATE

2019

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 booklet.
2. This paper consists of **FOUR SECTIONS** and is out of 70 weighted score.

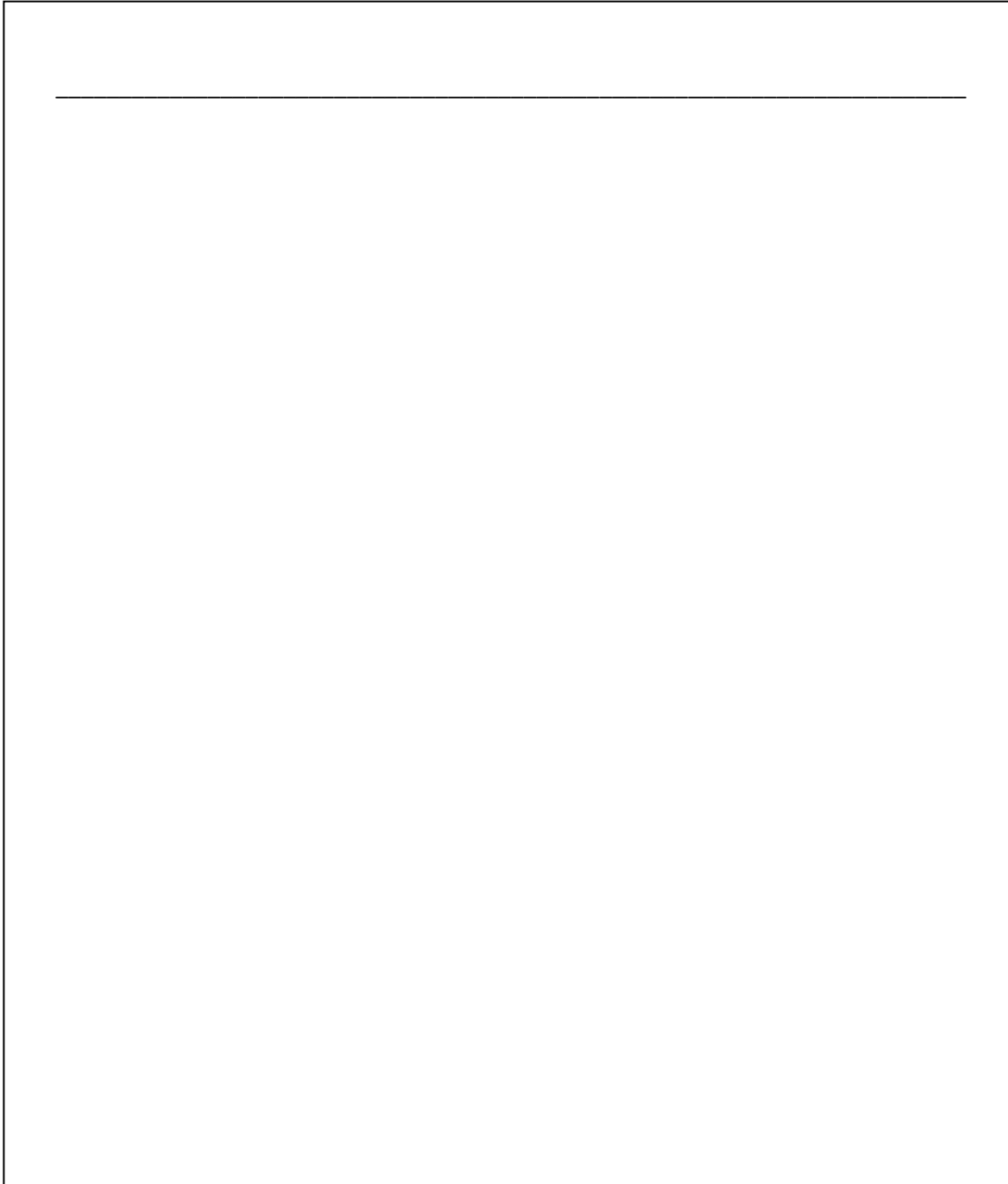
SECTION	TOPICS	TOTAL SKILL LEVEL
A	GEOGRAPHIC SKILLS AND IDEAS	25
B	NATURAL PROCESSES	18
C	CONTEMPORARY GEOGRAPHIC ISSUE IN THE PACIFIC ISLANDS	11
D	CULTURAL PROCESSES	16
TOTAL		70

3. Answer ALL QUESTIONS. Write your answers in the spaces provided in this booklet.
4. Use a **BLUE** or **BLACK** ball point pen only for writing. Use a pencil for drawing if required.
5. If you need more space for answers, ask the Supervisor for extra paper. Write your **Student Enrolment Number (SEN)** on all extra sheets used and clearly number the questions. Attach the extra sheets at the appropriate places in this booklet.
6. You should also have a 11 pages **Resource Booklet (No.531/2)** with this examination paper.
7. Check that this booklet contains pages **2-31** 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.

Skill level 3	
3	
2	
1	
0	
NR	

3. Refer to **Resource 1b**. Construct a percentage bar graph to show the global distribution of mangroves by regions. Apply all conventions.



Skill level 2	
2	
1	
0	
NR	

QUESTION 2: MANGROVE TYPES AND CHARACTERISTICS

Refer to **Resource 1a** on page 2, and **Resource 2** on page 3 to answer the following question.

4. Describe the types of mangroves and their characteristics.

[illegible]

Skill level 2	
2	
1	
0	
NR	

Skill level 4	
4	
3	
2	
1	
0	
NR	

QUESTION 4: THREATS TO MANGROVES

Study **Resource 5** on page 6 and answer the question that follow.

6. Explain the major factors that largely contribute to the decrease in mangrove ecosystems.

[illegible]

Skill level 3	
3	
2	
1	
0	
NR	

QUESTION 5: IMPACTS OF DEVELOPMENT ON MANGROVES

Study **Resource 6a** on page 7 and answer the question that follow.

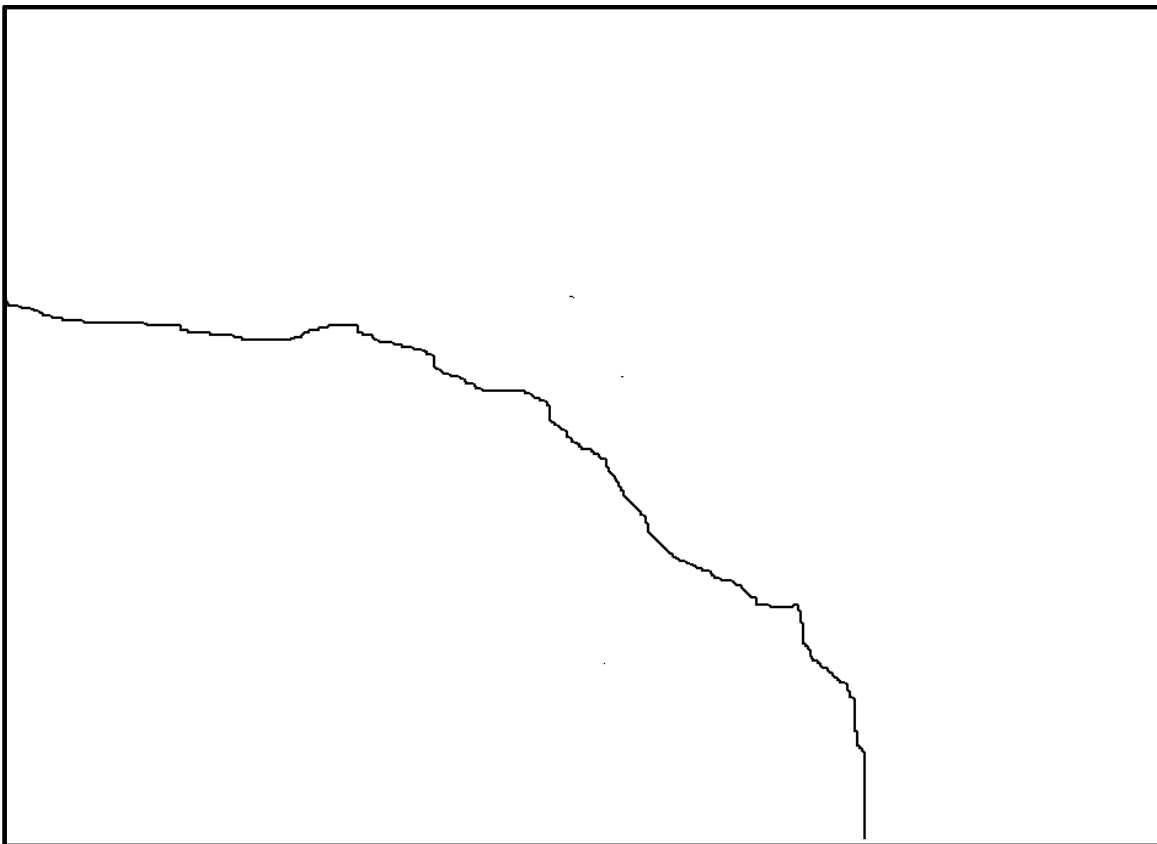
7. Identify the pattern displayed in the graph.

Skill level 1	
1	
0	
NR	

Refer to **Resource 6b** on page 8.

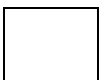
8. Study the 2 photos of the mangrove zones on the eastern fringe of the Fanga'uta Lagoon at Ha'ateiho village, Tongatapu taken in 1990 and the recent one in 2017.

Locate the area in the mangrove zone in Ha'ateiho that shows the impact of expanding developments.



Skill level 2	
2	
1	
0	
NR	

KEY:



9. Discuss the effects of mangrove losses and degradation on the environment.

QUESTION 7: STRATEGIES TO MANAGE MANGROVE ECOSYSTEMS

Use **Resource 7** on pages 9 and 10. You can also refer to the resources provided in the Booklet to answer the question below.

10. Explain the extent of how international organizations and local government have initiated programs to reduce and raise awareness on the importance of mangrove ecosystems.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Skill level 3	
3	
2	
1	
0	
NR	

SECTION B**NATURAL PROCESSES**

During your Form Seven Certificate course, you have studied a geographic environment in the Pacific focusing on interacting processes within it.

The information that is provided on this page is important for the questions that are to follow in **Section B** and therefore should be completed and accurately done.

In the frame below, name the **geographic environment** and the **interacting natural processes** that you have studied and will use to answer the questions in this section.

The **name of the Pacific geographic environment** studied:

--

The **interacting natural processes** operating within this geographic environment:

--

1. Name the interacting natural processes operating in your geographic environment.

<u>Names of interacting natural processes:</u>

Skill level 1	
1	
0	
NR	

2. a. Identify the elements in the interacting natural processes.

Skill level 1	
1	
0	
NR	

- b. Draw an annotated diagram/map to show the location of the elements of the interacting natural processes which operate in your geographic environment.

--

Skill level 2	
2	
1	
0	
NR	

3. a. Draw a labelled diagram to show the distribution of **TWO** different natural features that have resulted from the operation of interacting natural processes in your geographic environment.



Skill level 2	
2	
1	
0	
NR	

- b. Describe how **TWO** (2) interacting natural processes affect the distribution of the **TWO** natural features identified in question 3a. above. You can use diagrams to support your answer.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.[illegible]

Skill level 2	
2	
1	
0	
NR	

-
- This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Skill level 3	
3	
2	
1	
0	
NR	

- [illegible]

Skill level 3	
3	
2	
1	
0	
NR	

6. Evaluate the extent to which **TWO** (2) natural processes have been modified by human actions in your geographic environment. Support your answer with relevant diagrams.

[illegible]



Skill level 4	
4	
3	
2	
1	
0	
NR	

SECTION C CONTEMPORARY GEOGRAPHIC ISSUE IN THE PACIFIC ISLANDS

During your Form Seven Certificate course, you have studied **a contemporary geographic issue** in the Pacific islands.

In the frame below, name the contemporary geographic issue that you have studied and will use to answer the questions in this section.

Name of the **contemporary geographic issue** studied:

--

Name of the **Pacific Island(s)** studied:

--

1. Explain the geographic nature of the contemporary issue you had studied. Use examples to support your answer.

[illegible]

Skill level 3	
3	
2	
1	
0	
NR	

2. Explain **TWO** (2) groups and/or individuals value positions on the contemporary issue studied. You can use illustrative diagrams to support your answer.

[illegible]

--

Skill level 3	
3	
2	
1	
0	
NR	

3. Propose **ONE** (1) course of action to address the issue. You may use labelled diagrams to support your answer.

This image shows a full page of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for handwriting practice or general writing. There are no margins, text, or other markings on the page.

--

Skill level 2	
2	
1	
0	
NR	

Skill level 2	
2	
1	
0	
NR	

--	--

5. Identify **ONE** (1) possible long term solution for the contemporary geographic issue.

Skill level 1	
1	
0	
NR	

SECTION D**CULTURAL PROCESSES**

During your **Form Seven Certificate** course, you have studied a cultural process using illustrative examples from TWO (2) settings: ONE from a **Pacific Island Nation**, the other from the rest of the **World**.

The information that is provided on this page is important for the questions that are to follow in **Section D** and therefore should be completed and accurately done.

In the frame below, **name** the cultural process that you have studied and will use to answer the questions in this section.

The name of the cultural process studied:

--

In the frames below, name the **Pacific Island nation setting** and the **Rest of the World setting** that you have studied and will use to answer the questions in this section.

The name of the Pacific Island nation setting:

--

The name of the Rest of the World setting:

--

1. On the map below, **locate** and **name** your:

a. Pacific island setting

b. Rest of the world setting.

Skill level 1	
1	
0	
NR	

Skill level 1	
1	
0	
NR	



KEY:

2. Describe the interactions of **TWO** (2) elements in your studied cultural process in your Pacific island nation setting. You can use diagrams to support your answer.

Element 1:	
Element 2:	

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Skill level 2	
2	
1	
0	
NR	

3. Draw a labelled diagram/map to show how your studied cultural process operate in your Pacific island nation setting.



Skill level 2	
2	
1	
0	
NR	

- | |
|---|
| S |
| |
| |
| |
| |
| |

Skill level 3	
3	
2	
1	
0	
NR	

5. Analyze **TWO** (2) factors that have brought about change in the operation of your studied cultural process in your rest of the world setting. Use maps/diagrams to support your answer.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Skill level 3	
3	
2	
1	
0	
NR	

6. Evaluate the impact of your studied cultural process on the environment by comparing its effects on the Pacific Island nation and the rest of the world setting. Support your answer with specific examples.

[illegible]

Skill level 4	
4	
3	
2	
1	
0	
NR	