



GOVERNMENT OF SAMOA

STUDENT EDUCATION NUMBER

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# Samoa School Certificate

# GEOGRAPHY

# 2023

## QUESTION and ANSWER BOOKLET

Time allowed: 3 Hours & 10 minutes

### INSTRUCTIONS

1. You have 10 minutes to read **before** you start the exam.
2. Write your **Student Education Number (SEN)** in the space provided on the top right-hand corner of this page.
3. **Answer ALL QUESTIONS.** Write your answers in the spaces provided in this booklet.
4. If you need more space, ask the Supervisor for extra paper. Write your SEN on all extra sheets used and clearly number the questions. Attach the extra sheets to the appropriate places in this booklet.

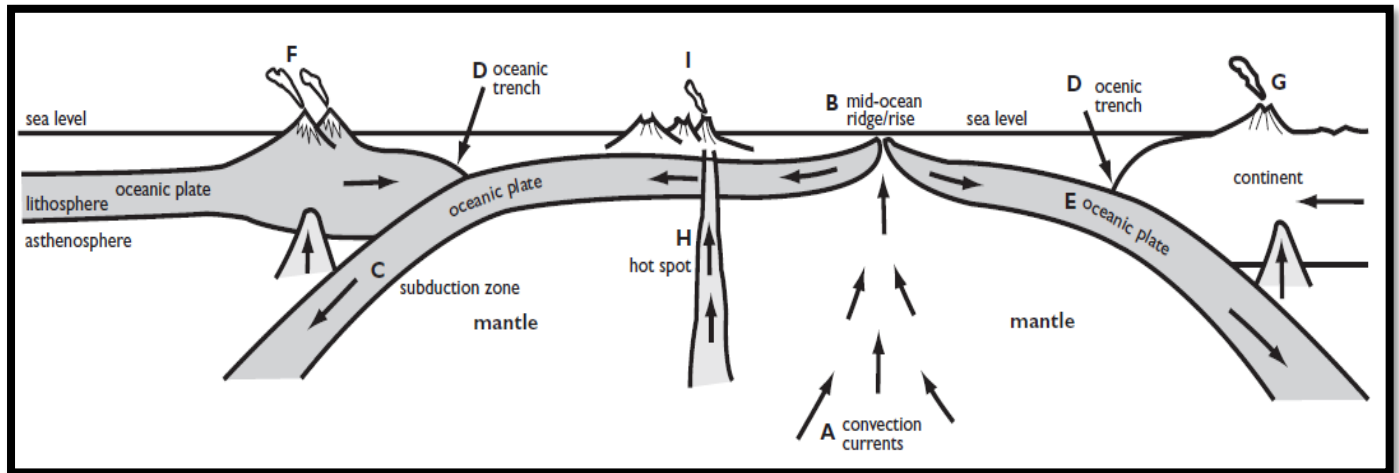
STRANDS		Pages	Time (min)	Weighting
STRAND 1	PHYSICAL ENVIRONMENT	2 – 6	34	19
STRAND 2	POPULATION AND SETTLEMENT	7 – 11	38	21
STRAND 3	DEVELOPMENT STUDIES	12 – 15	36	20
STRAND 4	RESOURCES AND THEIR USES – FARMING AND MINING	16 – 19	36	20
STRAND 5	ENVIRONMENTAL ISSUES	20 – 23	36	20
TOTAL			180	100

Check that this booklet contains pages 2 - 24 in the correct order and that none of these pages are blank.

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

Use Resource 1 below and your knowledge to answer Questions 1 to 3.

**Resource 1: PLATE TECTONICS**



Source: Geography Year 12 Textbook, Ministry of Education, Sports and Culture; 2004:15

1. Define the term **lithosphere**.

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SL 1

2. Define the term **oceanic trench** indicated by the letter D in Resource 1.

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SL 1

3. Explain the process occurring at C in Resource 1.

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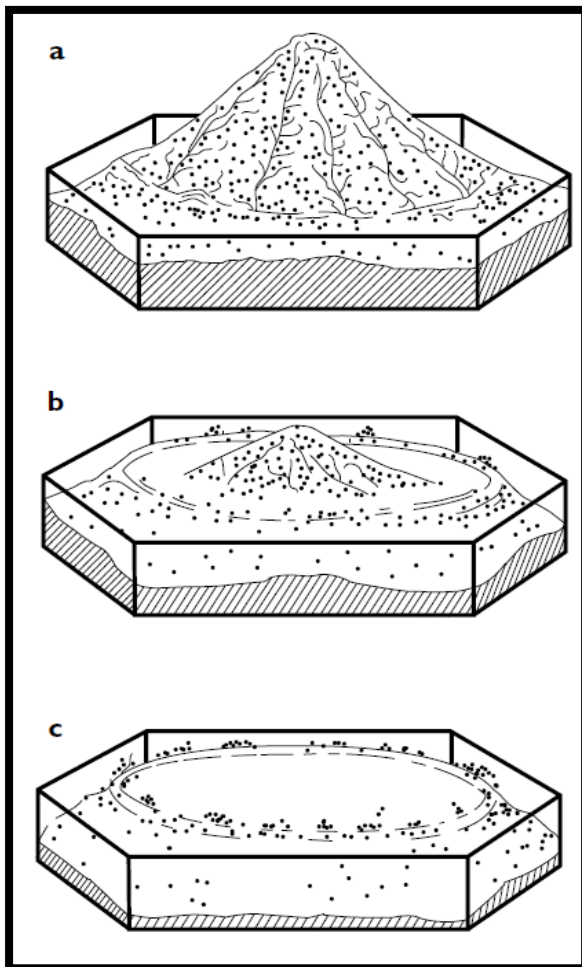
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SL 3

Use Resource 2 and your knowledge to answer Questions 4 to 6.

**Resource 2: ISLAND REEFS**



Source: Geography Year 12 Textbook, Ministry of Education, Sports and Culture; 2004:20

4. Name the type of reef formation shown in **b**.

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SL 1

5. Describe the type of island shown in **c**.

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SL 2



Use Resource 3 and your knowledge to answer Questions 7 to 10.

**Resource 3: THE VILLAGE**



Source: <https://www.istockphoto.com/photo/>

7. Discuss the relationship between soil and vegetation that can be observed and implied in Resource 3.

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SL 4

8. Name a traditional method of cultivation used by the family shown in Resource 3.

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SL 1

9. Name the type of island where you are most likely to find the village in Resource 3.

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SL 1

10. Name a natural disaster that is most likely to affect the village in Resource 3.

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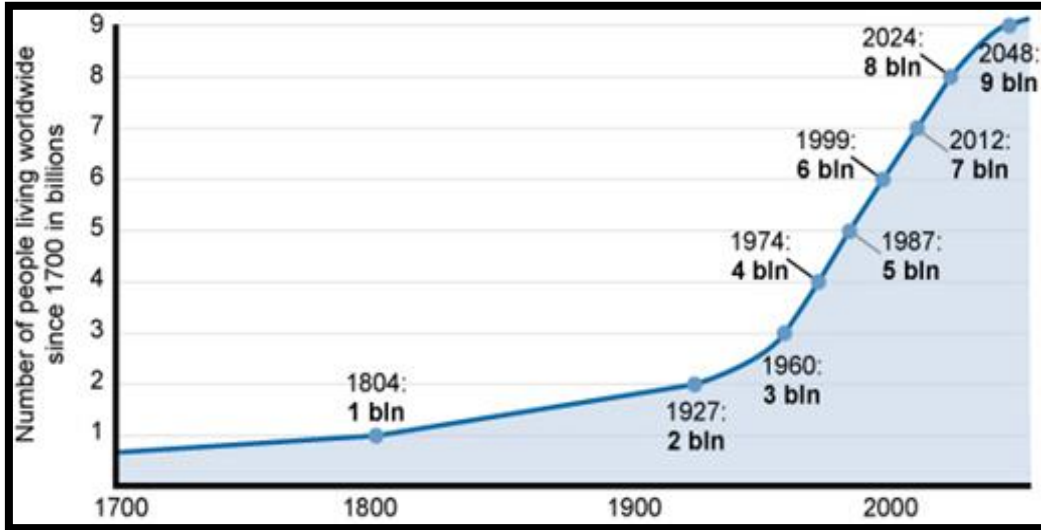
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SL 1

Use Resource 4 and your knowledge to answer Question 11.

**Resource 4: GLOBAL POPULATION GROWTH**



Source: <https://www.open.edu/openlearncreate/mod/oucontent/view.php?id=79927&printable=1>

11. Describe the projected trend in the world population for the middle of the 21<sup>st</sup> Century.

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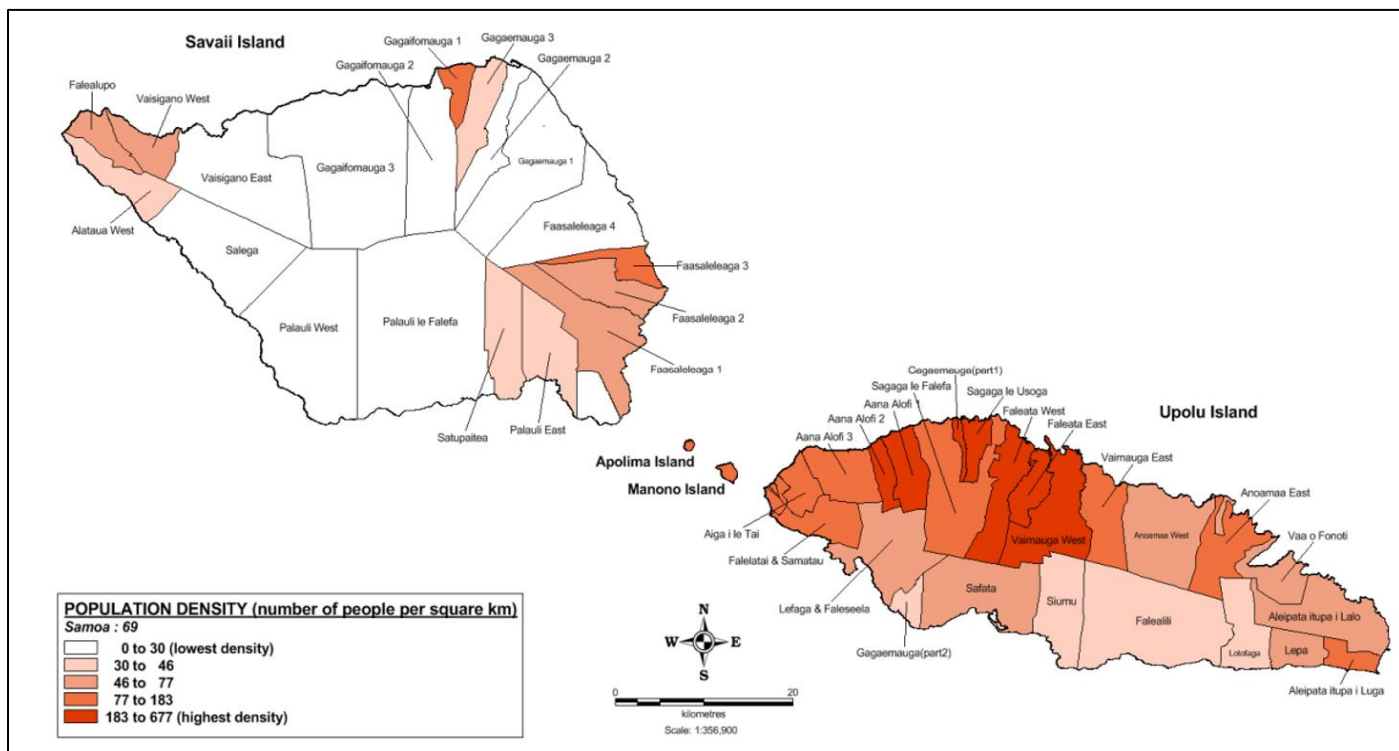
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SL 2

Use Resource 5 and your knowledge to answer Questions 12 to 14.

**Resource 5: POPULATION DENSITY**



Source: Samoa Bureau of Statistics: Samoa Socio-economic Atlas 2016.

12. Define population distribution in Samoa as shown in Resource 5.

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SL 1

13. Explain the reasons for the distribution of population as shown on the map in Resource 5.

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SL 3



14. Compare and contrast the population distribution patterns between Samoa and New Zealand.

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<b>SL 3</b>

**For Questions 15 to 18, define the Concepts given.**

15. Zero population growth.

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<b>SL 1</b>

16. Life expectancy.

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<b>SL 1</b>

17. Urban drift.

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<b>SL 1</b>

18. Rural depopulation.

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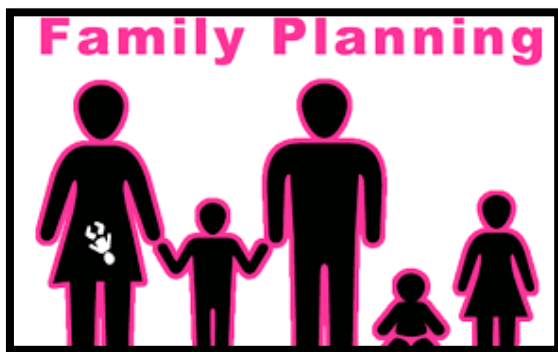
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SL 1

Use Resource 6 and your knowledge to answer Questions 19 and 20.

**Resource 6: POPULATION CONTROL PROGRAMMES**



Source: <https://www.manicapost.co.zw/benefits-of-family-planning/>

19. Evaluate the advantages and disadvantages of population control programmes such as the one shown in Resource 6. Use examples to support your answer.

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SL 4

20. Discuss the effects of population change on Samoan society.

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SL 4

Use Resource 7 and your knowledge to answer Questions 21 and 22.

**Resource 7: DEVELOPMENT**



Source: <https://www.google.com/url?sa=i&url=https%3A%2F%2Fsimonkneebone.com%2F2022%2F03%2F30%2Feconomic-melting-moment%2F&psig=AOvVaw01jzU0Fi0vh3IE7IxQbLp7&ust=1682209262568000&source=images&cd=vfe&ved=2ahUKEwilwsT9m7z-AhXZCbAHUeVBf4Qr4kDegUIARC2AQ>

21. Describe an indicator of economic development.

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SL 2

22. Name a possible rich country represented by the cartoon in Resource 7.

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SL 1

Use Resource 8 and your knowledge to answer Questions 23 and 24.

**Resource 8: FOREIGN AID**



Source: <https://www.cartoonstock.com/search?type=images&keyword=foreign+aid&page=1&expanded=CS253064>

23. Explain the donor-recipient relationship shown in Resource 8.

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SL 3

24. Explain the disadvantages of bilateral aid to recipient countries.

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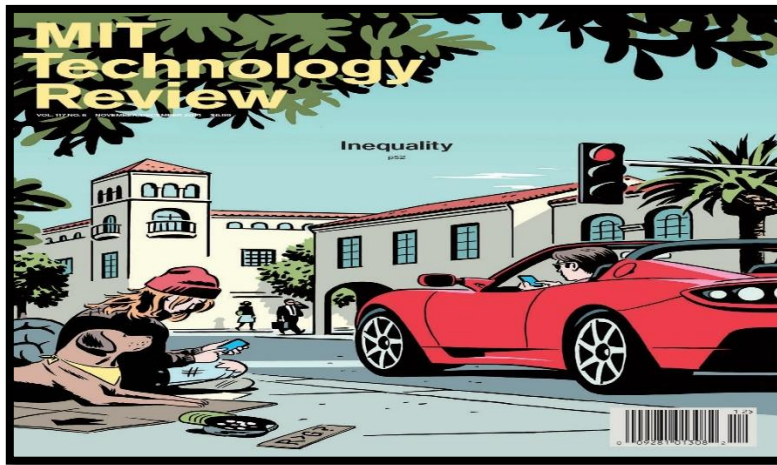
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SL 3

Use Resource 9 and your knowledge to answer Questions 25 and 26.

**Resource 9:      INEQUALITY**



Source: MIT Technology Review

25. Compare the inequalities in Samoa to those in New Zealand.

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SL 3

26. Explain the effects of inequality in any country you studied.

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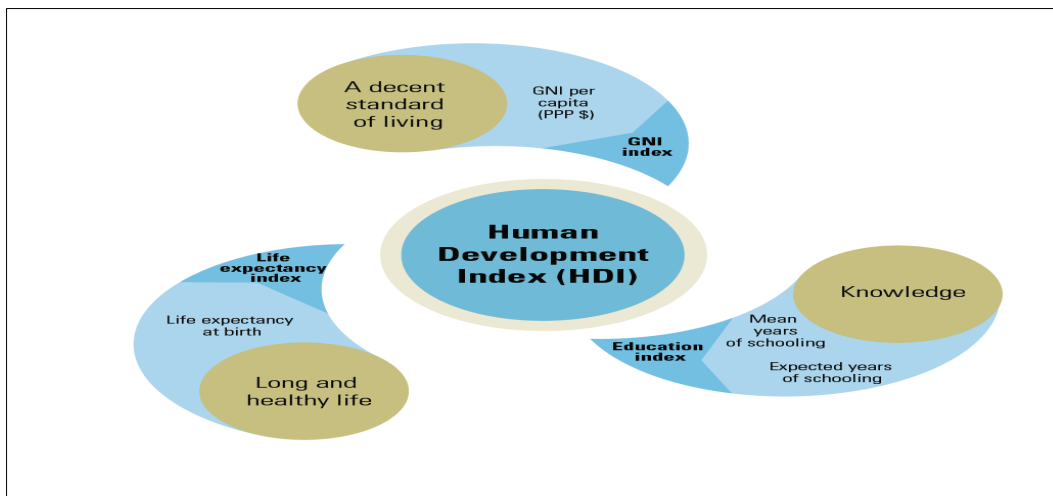
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SL 3

Use Resource 10 and your knowledge to answer Questions 27 to 31.

**Resource 10: DEVELOPMENT INDICATORS**



Source: <https://www.researchgate.net/profile/Nataliia-Letunovska>

27. Define the term **development**.

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SL 1

28. Name **ONE** measure of development.

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SL 1

29. Name an economic feature of a rich country.

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SL 1

30. Define an economically developed country.

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SL 1

31. Name **ONE** economic feature of a poor country.

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SL 1

Use Resource 11 and your knowledge to answer Questions 32 to 35.

**Resource 11: NATURAL RESOURCES**



Source: Macrovector: <https://www.shutterstock.com/license-history>

32. Define the term **Renewable Resource**.

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SL 1

33. Give an example of a **non-renewable resource**.

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SL 1

34. Name a renewable resource used for farming.

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SL 1



35. Define the term **mining**.

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SL 1

Use Resource 12 and your knowledge to answer Questions 36 and 37.

**Resource 12: URANIUM MINING**



Source: Ranger Uranium Mine <https://miningeology.blogspot.com/2015/04/the-ranger-uranium-mine-ranger-uranium.html>

36. Explain the impacts of mining on the environment.

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SL 3

37. Describe how mining can be made more sustainable.

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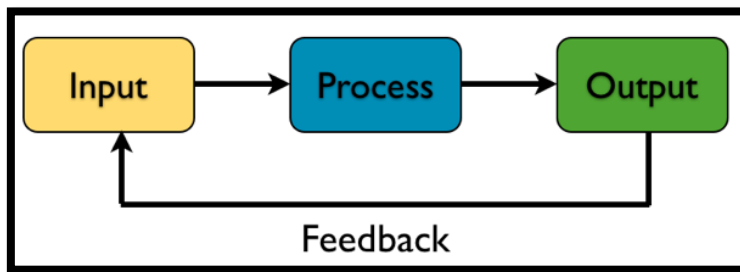
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SL 2

Use Resource 13 and your knowledge to answer Questions 38 to 40.

**Resource 13:      SYSTEMS**



*Source: Adapted from the Year 12 Geography Textbook 2004:167*

38. Use the diagram in Resource 13 to describe farming as a system.

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SL 2

39. Explain the impacts of external factors of change on farming in Samoa.

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SL 3

40. Describe sustainable farming practices farmers are utilizing on their farms.

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41. Draw upon examples from mining and farming to discuss the best ways to reduce the use of non-renewable resources.

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SL 4

42. Define the term **Ecosystem**.

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SL 1

43. Define the term **sustainable development**.

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SL 1

44. Define the climatic characteristics of rainforest ecosystems.

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SL 1

45. Define the term **Conservationist**.

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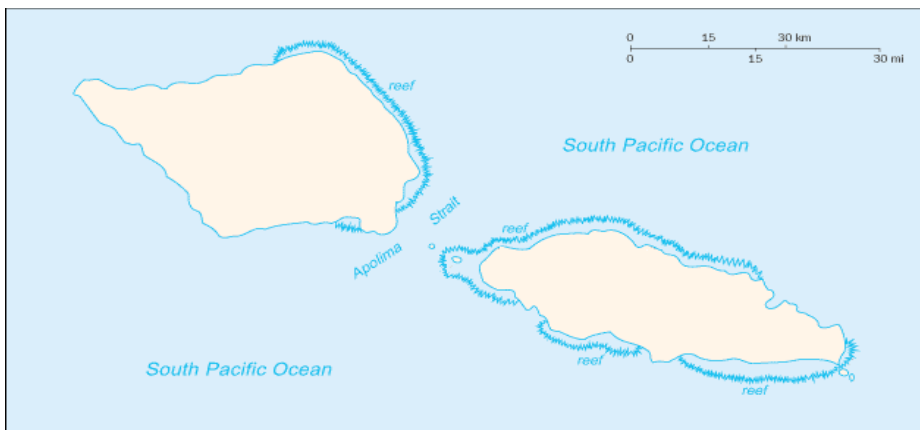
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SL 1

Use Resource 14 and your knowledge to answer Questions 46 to 48.

**Resource 14: ECOSYSTEM**



Source: Wikimedia Commons [https://commons.wikimedia.org/wiki/File:Samoa\\_districts\\_blank.png](https://commons.wikimedia.org/wiki/File:Samoa_districts_blank.png)

46. Locate an area on the map where mangroves are found.

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SL 1

47. Explain the importance of mangrove forests for the small islands of the Pacific.

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48. List **TWO** issues related to the conservation of mangrove forests in Samoa.

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SL 2

Use Resource 15 and your knowledge to answer Questions 49 to 51.

**Resource 15: INSHORE MARINE ECOSYSTEMS**



Source: ScienceDirect [https://www.google.com/url?sa=i&url=https%3A%2F%](https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.science.org/doi/10.1016/B978-0-12-811073-6.00001-9)

49. Explain the different perspectives people may have in relation to inshore marine ecosystems. Use examples to support your answer.

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SL 3

50. Explain the relationship between the environment and the inshore marine ecosystem.

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51. Elaborate on strategies for the sustainable management of inshore marine resources.

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SL 4

STUDENT EDUCATION NUMBER									

## SSC GEOGRAPHY

2023

(For Scorer only)

STRANDS		Weighting	Scores	Check Scorer	AED Check
<b>STRAND 1</b>	PHYSICAL ENVIRONMENT	19			
<b>STRAND 2</b>	POPULATION AND SETTLEMENT	21			
<b>SECTION 3</b>	DEVELOPMENT STUDIES	20			
<b>SECTION 4</b>	RESOURCES AND THEIR USES – FARMING AND MINING	20			
<b>SECTION 5</b>	ENVIRONMENTAL ISSUES	20			
<b>TOTAL</b>		<b>100</b>			