

STUDENT EDUCATION NUMBER



GOVERNMENT OF SAMOA
MINISTRY OF EDUCATION, SPORTS & CULTURE

Samoa School Certificate

GEOGRAPHY

2020

QUESTION and ANSWER BOOKLET

Time allowed: 3 Hours & 10 minutes

INSTRUCTIONS

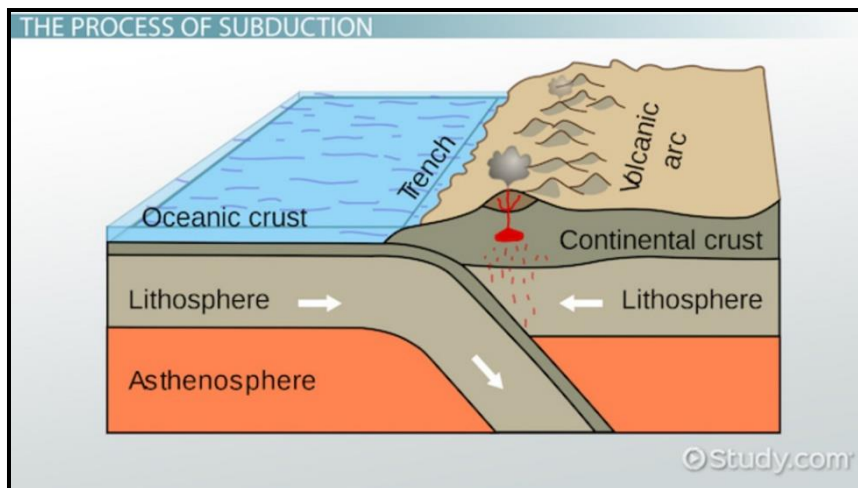
1. You have 10 minutes to read **before** you start the exam.
2. Write your **Student Education Number (SEN)** in the space provided on the top right hand corner of this page.
3. Answer **ALL QUESTIONS**. Write your answers in the spaces provided in this booklet.
4. If you need more space, ask the Supervisor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

STRANDS		Page Number	Time (minutes)	Weighting
STRAND 1:	PHYSICAL ENVIRONMENT	2	36	20
STRAND 2:	POPULATION AND SETTLEMENT	9	36	20
STRAND 3:	DEVELOPMENT STUDIES	15	36	20
STRAND 4:	RESOURCES AND THEIR USES – FARMING & MINING	21	36	20
STRAND 5:	ENVIRONMENTAL ISSUES	27	36	20
TOTAL			180	100

Check that this booklet contains pages 2-34 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.

Use Resource 1 and your own knowledge to answer Numbers 1 to 3.

Resource 1



Source: <https://study.com/academy/lesson/subduction-definition-process.html>

1. Define the term **plate tectonics**.

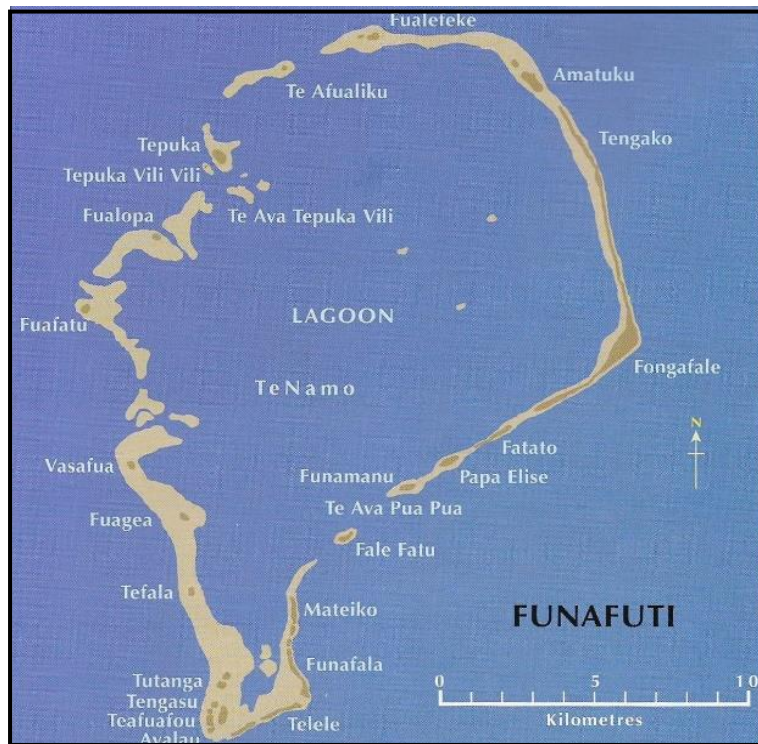
	SL 1

2. Explain the process of subduction as shown in the diagram above.

	SL 3

Use Resource 2 and your own knowledge to answer Numbers 4 and 5.

Resource 2: Map of Funafuti



Source: Naumana, R. *The Big Resource Book of the Pacific*. Nelson Cengage Learning, 2006 p15

4. Identify the type of island shown in the resource above.

SL 1

5. Describe the physical characteristics of this type of island.

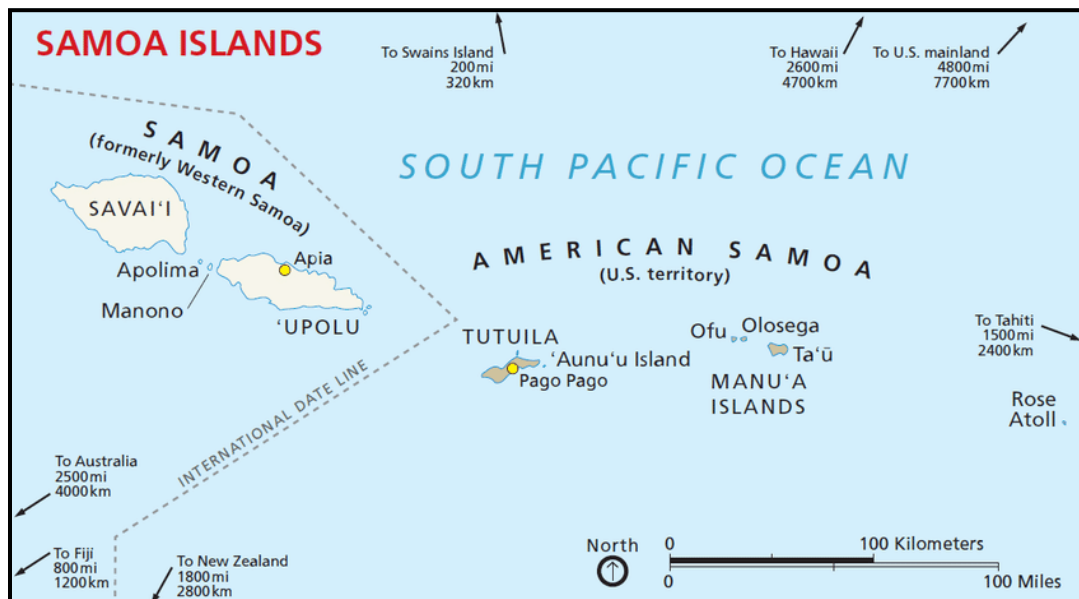
SL 2

6. Compare and contrast the processes of the formation of high, low islands and atolls.

SL 3

Use Resource 3 and your own knowledge to answer Numbers 7 to 10 below.

Resource 3: Map of the Samoa Islands



Source: https://en.wikipedia.org/wiki/Samoan_Islands

7. The Samoan Islands cover 3,030 km² (1,170 square miles) in the central South Pacific forming part of Polynesia and the wider region of Oceania. This comprises all of the independent State of Samoa and most of American Samoa (apart from Swains Island, which is geographically part of the Tokelau Islands). State the term given to this group of islands.

SL 1

8. Explain how the relief of an island can influence the climate of the island. Use examples to support your answer.

SL 3

[illegible]

- 9.** Give ONE example of how the geographical location affects the economic development of small Pacific Island nations.

SL 1

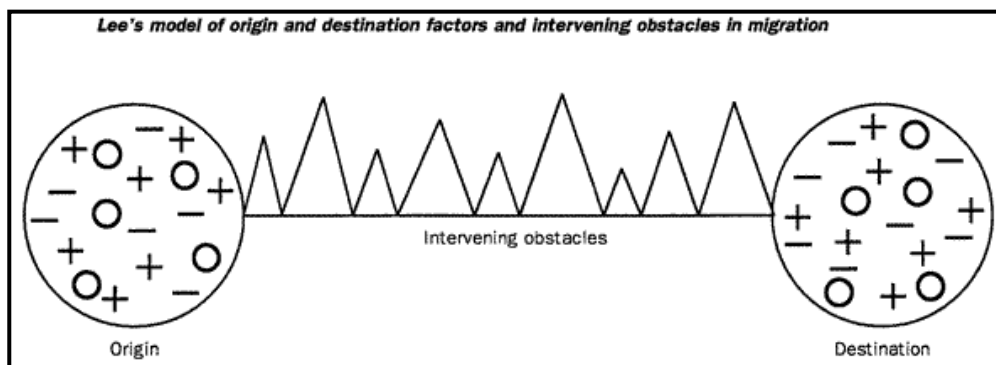
- 10.** Discuss the influence of cultural activities on island environments using specific examples to support your answer.

SL 4

[illegible]

Use Resource 4 and your own knowledge to answer Numbers 11 to 13.

Resource 4: Migration Model



11. Define the term **Migration Policy**.

SL 1

12. State ONE reason why a person would leave their place of origin.

SL 1

13. Explain using examples some intervening obstacles of migration.

SL 3

14. Define the term **Population Change**.

SL 1

15. Describe the difference between an aging population and a youthful population.

SL 2

Use Resource 5 and your own knowledge to answer Numbers 16 and 17.

Resource 5: Cartoon on Family Planning



Source: <https://www.newtimes.co.rw/section/read/78911>

16. Give ONE reason why birth control is unsuccessful in some countries.

SL 1

17. Explain the effects of population change from the perspective of the health and wellbeing of the community. Use specific examples to support your answer.

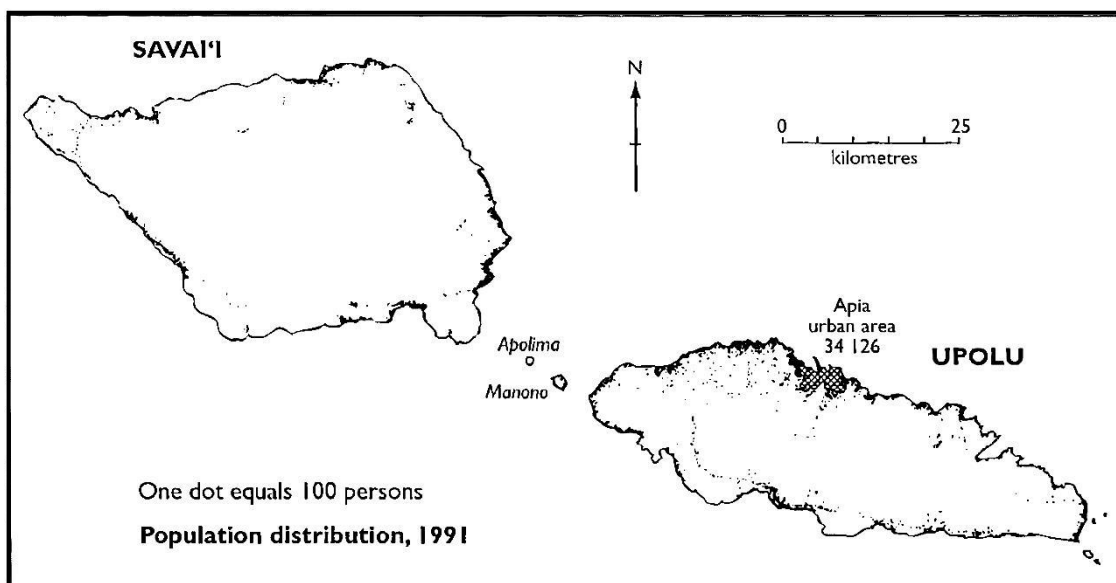
SL 3

18. Explain the effects of population change from the perspective of the economy. Use specific examples to support your answer.

SL 3

Use Resource 6 and your own knowledge to answer Numbers 19 and 20.

Resource 6: Population Distribution in Samoa.



Source: MESC Year 12 Geography Resource Book, p 108.

19. Define the term Population Distribution.

SL 1

20. Discuss factors that influence the population distribution in Samoa.

SL 4

[illegible]

Use Resource 7 and your own knowledge to answer Numbers 21 to 26.

Resource 7



Source: Waugh, D. *The New Wider World*, Second Edition. 2003 p.197

21. Define the term **Development Pattern**.

SL 1

22. Give ONE feature of poor economies.

SL 1

23. Name the continent shown in Resource 7 that would be considered the least well off.

SL 1

24. Describe using specific examples some inequalities in the development of Samoa.

SL 2

25. Explain the relationship between literacy levels and infant mortality in relation to development.

SL 3

Use Resource 8 and your own knowledge to answer Numbers 27 to 30.

Resource 8: Foreign Aid



Source: <http://nepalpolity.com/politics-of-foreign-aid-and-nepal/>

27. The World Bank, IADB, USAID, DFID and Europe Aid are some organisations involved with Development Aid Funded Contracts and Projects. State ONE factor that may contribute to the success or failure of development projects.

SL 1

28. “The Australian Government will provide an estimated \$32.0 million in total Official Development Assistance to Samoa in 2019-20. This will include an estimated \$23.6 million in bilateral funding to Samoa”.

Define the term **Bilateral Aid**.

SL 1

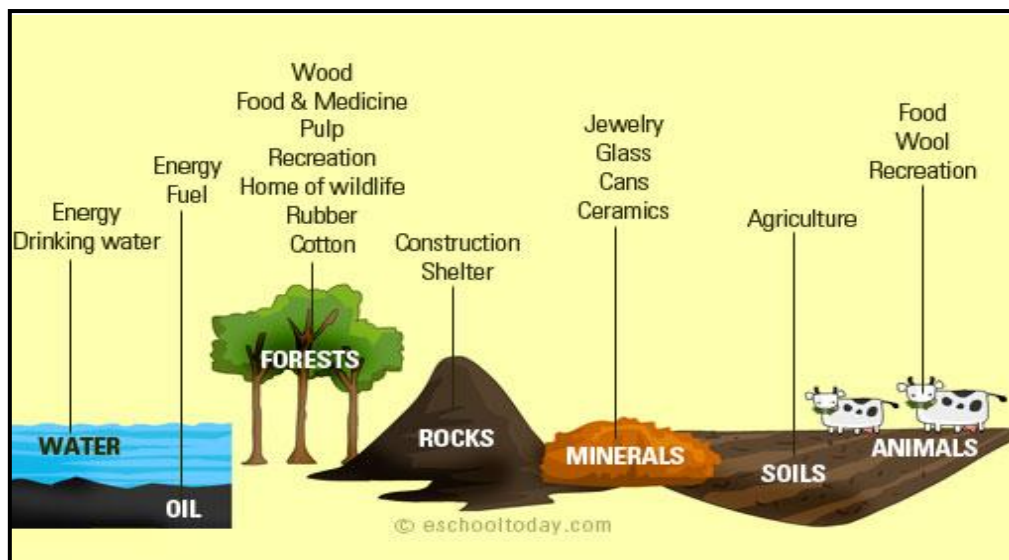
29. Explain with the help of a cartoon why some development aid is NOT good.



SL 3

Use Resource 9 and your own knowledge to answer Numbers 31 to 33.

Resource 9: Natural Resources



Source: <https://www.tes.com/lessons/KupPIEOER20KgO/workshop-2-academic-vocabulary-words>

31. Define the term **Renewable Resource**.

SL 1

32. Explain why renewable resources need to be sustained.

SL 3

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33. Identify ONE non-renewable resource shown in Resource 9.

SL 1

Use Resource 10 and your own knowledge to answer Numbers 34 to 37.

Resource 10: **Uranium Mining**



Source: <http://large.stanford.edu/courses/2017/ph241/stevens1/>

34. Define the term **Mining**.

SL 1

35. State ONE reason why uranium mining in Australia can be considered controversial.

SL 1

36. Describe how mining can be made more sustainable.

SL 2

37. Explain the relationship between development in mining and resource use.

[illegible]

SL 3

Use Resource 11 and your own knowledge to answer Numbers 38 to 40 below.

Resource 11: Banana Plantation



Source: https://en.wikipedia.org/wiki/Banana_plantation

38. Name ONE natural resource used in banana farming.

SL 1

39. Explain how banana farming functions as a system of production. You can use diagrams to support your answer.

SL 3

41. Define the term **Ecosystem**.

SL 1

Use Resource 12 and your own knowledge to answer Numbers 42 and 43.

Resource 12: Mangrove Ecosystem



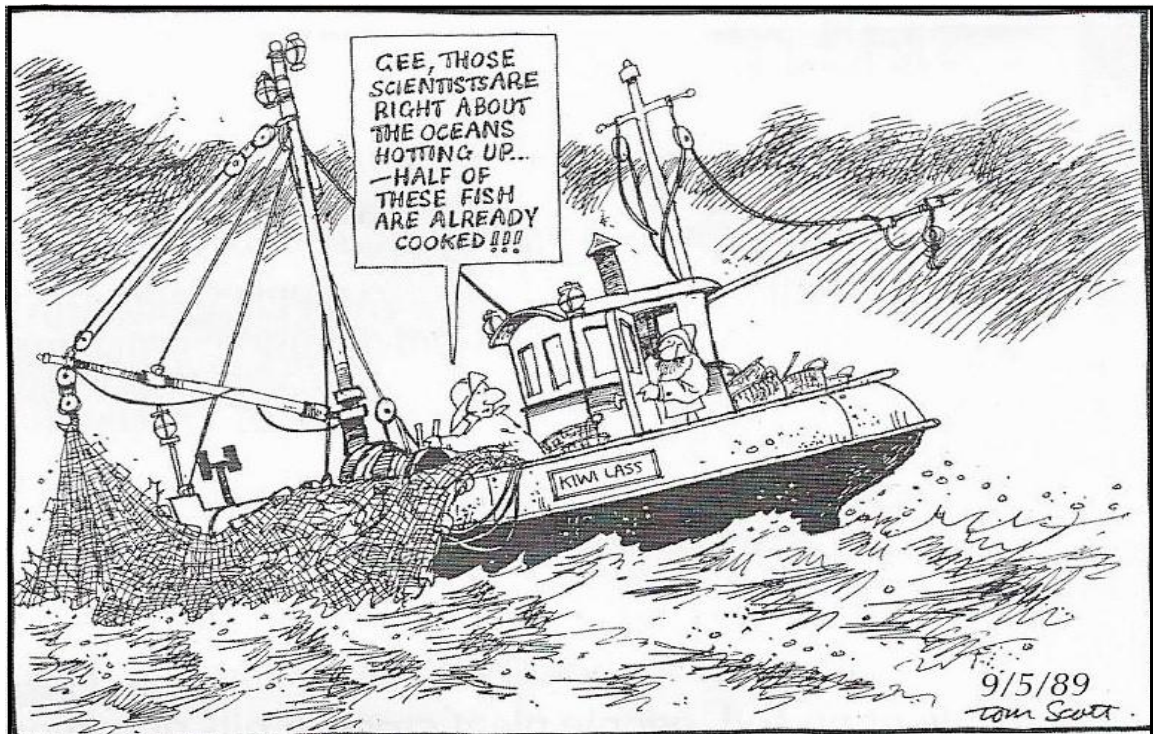
Source: <https://friendofthesea.org/marine-conservation-projects-and-awareness/save-the-mangroves/>

42. Name ONE factor that can affect mangrove ecosystems.

SL 1

Use Resource 13 and your own knowledge to answer Numbers 44 and 45.

Resource 13



Source: Naumana, R. *The Big Resource Book of the Pacific*. Nelson Cengage Learning, 2006 p47.

44. Identify the climatic issue portrayed in the cartoon.

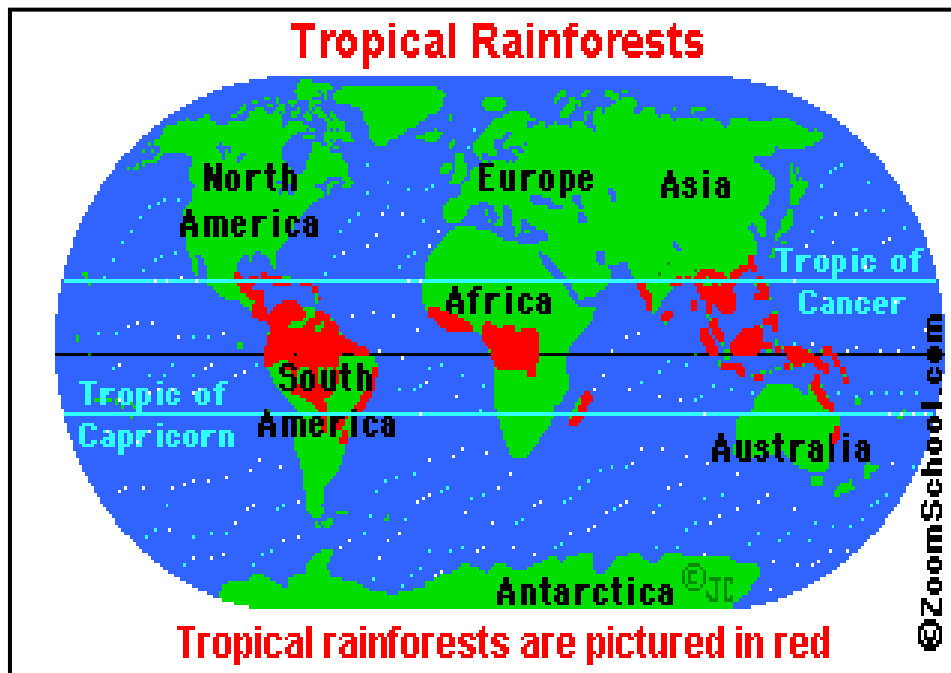
SL 1

45. State ONE way this issue can impact inshore marine life or ecosystems.

SL 1

Use Resource 14 and your own knowledge to answer Numbers 46 and 47.

Resource 14:



Source: <https://storymaps.arcgis.com/stories/65cdb05cc51e4dbb9d9a74211003f355>

46. Name the rainforest that is the most famous and largest in the world found in South America.

SL 1

47. Describe the climatic characteristics required for the growth of rainforests.

SL 2

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GEOGRAPHY

2020

(For Scorers only)

STRANDS	Weighting	Scores	Check Scorer	Double Entry (AED)
STRAND 1: PHYSICAL ENVIRONMENT	20			
STRAND 2: POPULATION AND SETTLEMENT	20			
STRAND 3: DEVELOPMENT STUDIES	20			
STRAND 4: RESOURCES AND THEIR USES – FARMING & MINING	20			
STRAND 5: ENVIRONMENTAL ISSUES	20			
TOTAL	100			