

STUDENT EDUCATION NUMBER								



Samoa School Certificate GEOGRAPHY 2015

QUESTION and ANSWER BOOKLET

Time Allowed: 3 Hours & 10 Minutes

INSTRUCTIONS

- 1. You have 10 minutes to read **before** you start writing.
- 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 for answers, 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.

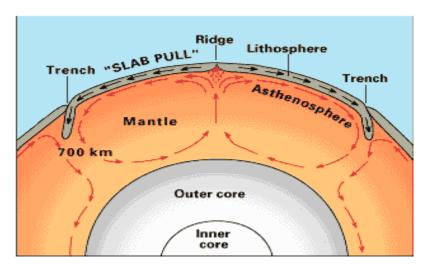
STRANDS	Pages	Time (minutes)	Weighting
STRAND 1: PHYSICAL ENVIRONMENT	2	36	20
STRAND 2: POPULATION AND SETTLEMENT	8	36	20
STRAND 3: DEVELOPMENT STUDIES	14	36	20
STRAND 4: RESOURCES AND THEIR USE	19	36	20
STRAND 5: ENVIRONMENTAL ISSUES	25	36	20
TOTAL		180	100

Check that this booklet contains pages 2-30 in the correct order and that none of these pages is blank.

YOU MUST HAND THIS BOOKLET TO THE SUPERVISORAT THE END OF THE EXAMINATION.

PHYSICAL ENVIRONMENT WEIGHTING 20 STRAND 1

Study the diagram below to answer Number 1 to 3.



(Source: U.S. Geological Survey).

1.	Name the process	illustrated in the diagram

Skill le	Skill level 1							
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2	Define	the term	astheno	sphere

Skill lev	vel 1
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Study the map below to answer Number 4 to 6.



Source: http://www.ezilon.com/maps/oceania-physical-maps.html

4. Name a continental island from the map.

Skill level 1						
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Skill level 3

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5.	What type of island is Funafuti in Tuvalu?		
		Skill le	vel 1
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6.	Describe the physical process of the formation of a high Islan	nd.	
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Study the island types below of to answer Number 7 to 9.

Island Types

<u>Choiseul Island</u> <u>Aitutaki Island</u>



Source: http://globalwords.edu.au/units/Neighbours_JPY3_html/pop04_AustPacific_info.html

7.	Name ONE (1) cultural activity in the islands shown above.		
		Skill le	vel 1
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8. State ONE (1) factor that hinders economic development in the islands above.

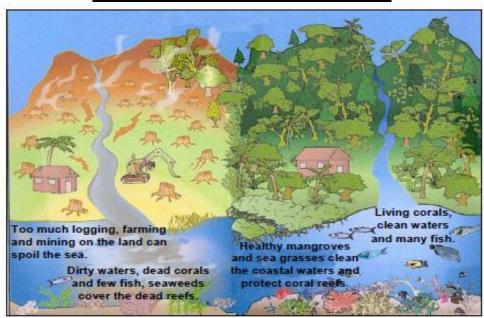
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9. Describe cultivation practices by people of both islands.

Skill level 2	
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Study the diagram below to answer Number 10 and 11.

WHAT DO CORAL REEFS DO FOR US?



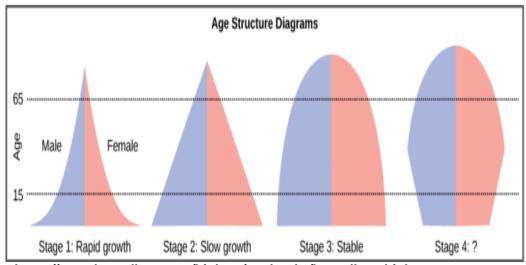
King, M 1988, Coral Reefs in the South Pacific Handbook, SPREP

10.	Explain the relationship between logging and the health of coral reefs.		
		Skill le	vel 3
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Discuss the influences of cultural activities on island environments? Use		
specific examples from the diagram and your own knowledge.		
	Skill le	vel 4
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STRAND 2 POPULATION AND SETTLEMENT WEIGHTING 20

Use the diagram below to answer Number 12 to 14.



Source:https://www.boundless.com/biology/textbooks/boundless-biology-textbook/population-and-community-ecology-45/human-population-growth-253/age-structure-population-growth-and-economic-development-935-12192/

Define population change	12.	Define	population	change.
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Skill lev	vel 1
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13. What is the term for stage 4 of the Age Structure Diagrams?

Skill level 1		vel 1
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14. Which stage is Samoa at?

Skill lev	vel 1
1	
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Use the article below to answer Question 15 to 17.

Hard Times in Apia?

The flow of rural migrants to greater Apia reflects certain push-pull factors that are also symptomatic of urbanization elsewhere in the Pacific Region, namely improved employment opportunities, education and healthcare (ADB, 2012). For the youth, pull factors might include the lure of a so-called modern urban lifestyle

By Alec Thornton (Singapore Journal of Tropical Geography) Samoa Observer (29/10/2015)

Source:http://samoaobserver.ws/education/7761-hard-times-in-apia-urban-landlessness-and-the-church-in-samoa

15.	Using the article above define urban drift .			
-			ill level 1 1 0 JR	
	In terms of more youth being lured or pulled to Apia, provide an expla of what would happen to the rural areas as a result of such movement		n	
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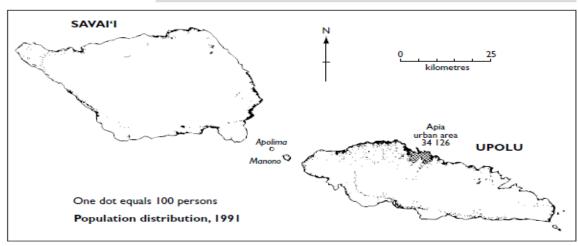
17. Name a *pull factor* that draws population to urban areas.

_____-

Skill level 1					
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Study the map below to answer Number 18 to 20.

Population Distribution



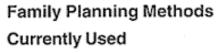
(MESC, 2004 p.108)

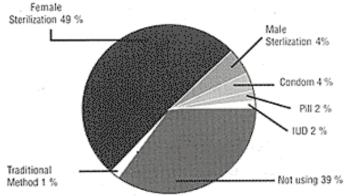
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12	I laccrina th	e population	dietribuition	nattarn II	n Samoa
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19.	Which region grows more rapidly in Samoa? State a reason for	or this	S.	
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20	Explain how the well-being of the Samoan communities is infl	uenc	ed by	
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Study the pie graph below to answer Number 21 and 22.





21. Which family planning method caused widespread resistance to government policies in India during the 1950s – 1970s?

Skill level 1					
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STRAND 3

DEVELOPMENT STUDIES

WEIGHTING 20

Study the map below to answer Number 23 to 25.



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

23.	Define the term development.		
		Skill lev	vel 1
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24. The red coloured countries are called LEDC. What does LEDC stand for?

Skill lev	/el 1
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25. State TWO (2) measures of social development.

Skill lev	vel 2
2	
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Use the table below to answer Number 26 and 27.

	Brazil	UK
GNP (millions of US\$)	2,107,628	2,366,544
Population size	193,000,000	63,180,000
GNP per person	10,920	37,457

http://coolgeography.co.uk/GCSE/AQA/Development_Gap/What_isDev/What_is_Development.htm

26.	State ONE (1) reason why GNP is an important measure for o	develo	pment	:?
-			Skill leve	el 1
-		_	1 0 NR	
27.	Give TWO (2) disadvantages of using GNP to measure development of the table.	elopm	ent. U	se
-			Skill lev	vel 2
_			2	
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Study the map below to answer Number 28 to 30.



 $Source: http://coolgeography.co.uk/GCSE/AQA/Development_Gap/What_is_Development.htm$

28.	What	develo	pment	pattern	can	you	see?
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Skill lev	vel 1
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29. Name ONE (1) poor continent in terms of development from the map.

Skill level 1			
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30. State ONE (1) feature of a rich economy you can see on the map.

·____

Skill lev	vel 1
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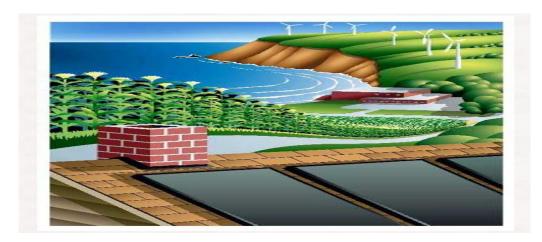
Use the diagram(inserted) to answer Number 31 and 32

 	 				
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the reasons for with examples	e effects	of inequa	ality evider	nt in the o	diagram.
	e effects	of inequa	ality evider	nt in the c	diagram.
	e effects	of inequa	ality evider	nt in the c	diagram.
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	e effects	of inequa	ality evider	nt in the d	
	e effects	of inequa	ality evider	nt in the d	Skill leve

pra	h reference to a named example or examples evaluate the success of ctical research activity on a development activity you have done in you ool. State the title of the research activity, its importance and outline thos.	r	
		Skill lev	vel 4
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		3	
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STRAND: 4 RESOURCES AND THEIR USE WEIGHTING 20

Study the diagram below to answer Number 34 to 36.



	34.	Give a	an exami	ple of a	renewable	resource fro	m the diagram
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Skill level 1			
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25	Define	the term	non-renewable	rasourca
. ว.วา	Denne	ine ieiii	i non-renewable	resonnce

Skill level 1				
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Outline TWO (2) reasons why renewable resources need sust management.	ainab	le	
		Skill lev	rel 2
		2	
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	L	IVIX	

Study the photograph below to answer Number 37 to 39.



Source: http://san.ag/web/bananas-the-crop-that-changed-the-world

,	oource. http://sam.ag/web/bahahas-the-crop-that-changed-the-world		
37.	Define the term system approach .		
		Skill lev	vel 1
-		1 0 NR	
38.	What happens to banana farming if the price of export falls?		
		Skill lev	vel 1

39.	What is ONE (1) effect of technology on banana farms?	
		Skill level 1 1 0 NR
Read t	the comments below to answer Number 40 to 43	
as anir maxim	ng goes to waste, the peels, leaves and pseudo stems of the ban mal feeds. In return, the manure from the animals is spread on th izing the crop's food security and economic potential." says a far rn Uganda.	e farm, thus
http://eas	stafricanhighlandbananas.org/	
40.	Name a sustainable practice.	
		Skill level 1 1 0 NR
41.	Describe how this practice is using a system approach.	
		Skill level 2 2 1 0
		NR

. Explain how m	nining affects	the enviror	nment.				
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		tween the ir	nputs and	outputs of	the ban	ana	
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Explain the refarming system		tween the ir	nputs and	outputs of	the ban	ana Skill lev	el 3
		tween the in	nputs and	outputs of	the ban	Skill leve	el 3
		tween the in	nputs and	outputs of	the ban	Skill lev 3 2	el 3
Explain the reference farming system		tween the in	nputs and	outputs of	the ban	Skill leve	el 3

Discuss how <i>uranium mining operation</i> functions as a system. Give examples		
	Skill le	vel 4
	3	
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STRAND 5: ENVIRONMENTAL ISSUES

WEIGHTING 20

BIODIVERSITY



Source: King, M. 1988. Coral Reefs in the South Pacific Handbook. SPREP

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Skill le	evel 1
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46. State ONE (1) factor that causes many of the marine animals to die.

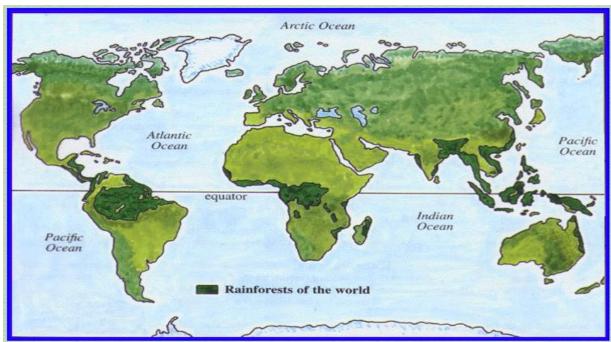
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<i>1</i> 7	Where	are	coral	reefs	found?
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Skill level 1					
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NR					

Study the map below to answer Number 47 to 50.



Source: http://www.srl.caltech.edu/personnel/krubal/rainforest/Edit560s6/www/where.html

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TU.	Otate	เมเบ	iocation	OI.	Tall II	UI COLO.

Skill level 1

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49. From your answer in Number 48, give ONE (1) climatic characteristic of this location.

Skill level 1					
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0					
NR					

50. Provide a description of what an ecosystem is.	
	Skill level 2 2 1 0 NR
Study the article below, and answer Number 51 to 54.	
Our Mission is to keep Earth safe for the next generation, education about the environment and to encourage sustain development. Knowledge about the Earth leads to better informed people better decisions which will secure the future of our children.	nable e, who make
Let's work on conserving natural resources, protecting w lowering carbon dioxide levels. We need to stop water pol save our oceans from wasteful and destructive fishing.	
51. Define the term sustainable development.	
	Skill level 1 1 0 NR

52.	Explain why it is important to encourage sustainable development	nent.		
			3 2 1 0 NR	vel 3
53.	Explain why it is difficult to conserve the natural environment.			
			Skill lev	vel 3
			3 2 1 0 NR	
54.	List TWO (2) environmental issues the organisation is concern	ned w		val 2
			Skill lev	rei Z

Discuss strategies for proper management of the environment. Give ex	amples	
	Skill le	vel 4
	3	
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Student Education Number									

GEOGRAPHY

2015

(For Markers only)

STRANDS	Weight	Marker	Check Marker	Final Weighting
STRAND 1: PHYSICAL ENVIRONMENT	20			
STRAND 2: POPULATION AND SETTLEMENT	20			
STRAND 3: DEVELOPMENT STUDIES	20			
STRAND 4: RESOURCES AND THEIR USE	20			
STRAND 5: ENVIRONMENTA L ISSUES	20			
TOTAL	100			