

MARKER CODE			

STUDENT EDUCATION NUMBER									



# Sāmoa Secondary Leaving Certificate

## GEOGRAPHY

2015

### QUESTION and ANSWER BOOKLET

Time allowed: 3 Hours and 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	Page Number	Time (Minutes)	Weighting
<b>Strand 1:</b> Physical Environment	2	36	<b>20</b>
<b>Strand 2:</b> Resources and their uses	8	36	<b>20</b>
<b>Strand 3:</b> Population Settlement	16	36	<b>20</b>
<b>Strand 4:</b> Development Studies- globalization and tourism	23	36	<b>20</b>
<b>Strand 5:</b> Environmental issues	32	36	<b>20</b>
<b>TOTAL</b>		<b>180</b>	<b>100</b>

Check that this booklet contains pages 2-40 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.**

**STRAND 1: PHYSICAL ENVIRONMENT**

**WEIGHTING 20**

**PART I: The Features of Natural Hazards**

1. Define the term *Natural Hazards*

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Skill Level 1	
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2. Name the 2015 class 5 tropical cyclone that caused the worst devastation in Vanuatu's history.

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Skill Level 1	
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3. Describe TWO features of a level 5 cyclone.

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Skill Level 2	
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## Part II: Hazard Maps, Causes and Effect

4. Define a cross sectional map.

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Skill Level 1	
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5. State ONE (1) cause of a volcanic eruption.

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Skill Level 1	
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6. Explain the social and political links between the villages of Salamumu and Leauva'a on Upolu Island to Samoa's last known volcanic eruption in 1905 on the island of Savaii.

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Skill Level 3	
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7. If Matavanu Volcano at Saleaula Savaii were to erupt within two days, Describe how the emergency processes of disaster management already in place for Samoa are to be put into effect.

*Information provided by NZ and Australian scientists monitoring volcanic activities in Savaii indicate that the 2015 eruption may cause more destruction compared to the last eruption in 1905.*

Skill Level 2	
2	
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### PART III: The Nature and Effects of Earthquakes

8. Name the government agency responsible for monitoring natural hazards.

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Skill Level 1	
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9. Define the term *building codes*

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Skill Level 1	
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10. Explain how adherence to building codes help to reduce the effects of hazards.

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Skill Level 3	
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### PART IV: Paragraph Writing – Case Study (150-200 words)

11. Tsunamis are usually the results of strong earthquakes. Discuss preventive steps taken and lessons learned from the 2009 Tsunami in Samoa that could help prevent the repeat of destruction and loss of life in the future.

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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.

Skill Level 4	
4	
3	
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**STRAND 2: RESOURCES AND THEIR USES****WEIGHTING 20****PART I: Water cycle and distribution**

12. Define the term *water conservation*

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Skill Level 1	
1	
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13. Define the term *water cycle*.

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Skill Level 1	
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14. Describe the global patterns of freshwater distribution

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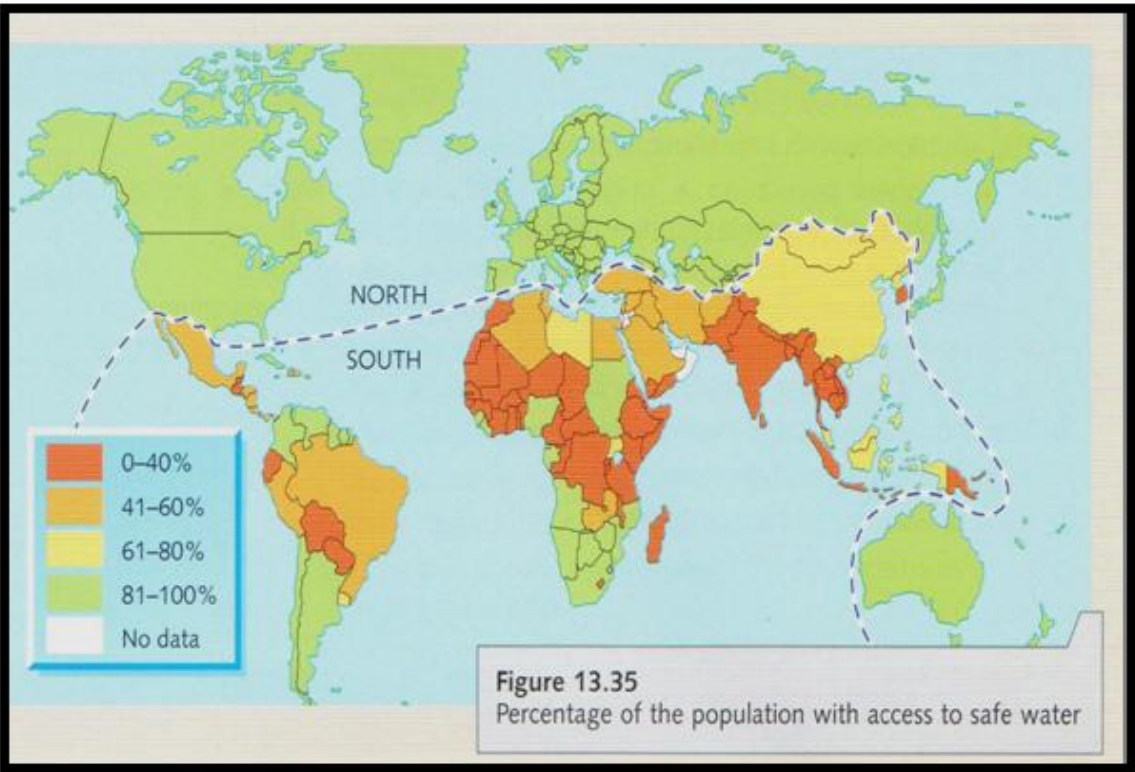
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Skill Level 2	
2	
1	
0	
NR	



Map Interpretation – use the map below to answer Numbers 15 and 16.



15. Identify a country north of the broken line that have between 81% and 100% access to safe water.

Skill Level 1	
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Use the cartoon to answer Number 17.



17. Describe the impact of companies like Coca Cola on fresh water scarcity in some parts of the world

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Skill Level 2	
2	
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## PART II: Water as a resource

18. Name ONE Pacific Island country that imports a lot of water from overseas.

Skill Level 1	
1	
0	
NR	

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Use the table below to answer Number 19 and 20.

**2000 United States Water Withdrawals**

	MAIN USERS	PCT
Daily usage of water in the United States in the year 2000 was 408 billion gallons	Power plant Cooling	48
	Irrigation	34
	Public Supply	11
	Industrial	5
	Livestock/Aquaculture & Mining	2

**Source: *waterindustry.org***

19. Describe the distribution of water usage and its importance to the United State economy.

Skill Level 2	
2	
1	
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### PART III: Paragraph Writing - Case Study (150 – 200 words)

21. Discuss the feasibility of the construction of a dam/reservoir on Upolu Samoa to conserve the billions of liters of water that flow directly to the sea throughout the year, especially during the rainy season.

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**STRAND 3: POPULATION SETTLEMENT****WEIGHTING 20****PART I: The global patterns of urbanization**22. Define the term *urbanization*

Skill Level 1	
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NR	

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23. State global patterns of urbanization

Skill Level 1	
1	
0	
NR	

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24. Describe TWO causes of migration in industrialized developed countries

Skill Level 2	
2	
1	
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NR	

(a) 

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(b) 

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## PART II: Effects of urban growth

25. Define the term *central business district (CBD)*

Skill Level 1	
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26. Identify ONE (1) feature of the evolution of urban zones as a city grows.

Skill Level 1	
1	
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NR	

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27. List TWO problems that usually accompany urban growth

Skill Level 2	
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1	
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### PART III: Urban planning and management

29. Define the term '*urban planning*'.

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Skill Level 1	
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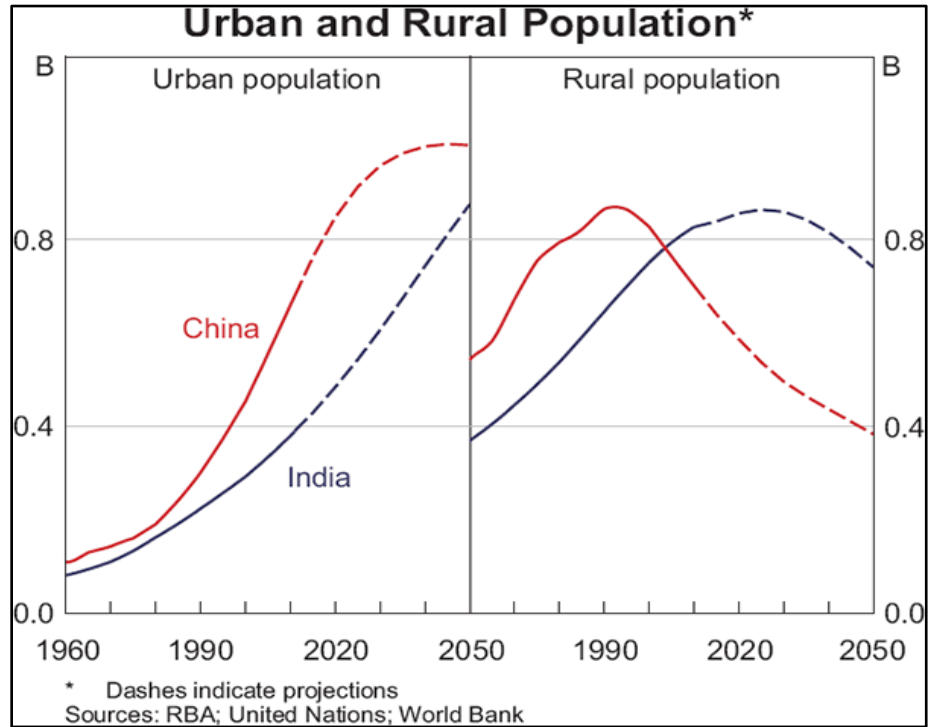
30. Name ONE (1) feature of urban management strategies designed to cope with traffic congestion and urban expansion in the city of Apia.

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Skill Level 1	
1	
0	
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Use the graph below to answer Number 31.



31. Explain THREE (3) strategies that are put in place to discourage rural-urban migration

Skill Level 3	
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#### PART IV: Paragraph Writing - Case Study (150-200 words)

32. Discuss the factors related to the failure of the new multi-million tala Market at Vaitele. For a high cost project that was intended as a means of reducing the congestion in the nation's capital and decentralizing some of the economic activities away from the capital it has become a 'White Elephant' (A possession unwanted by the owner but hard to dispose of).

[illegible]

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Skill Level 4	
4	
3	
2	
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NR	

# STRAND 4: DEVELOPMENT STUDIES - GLOBALISATION AND TOURISM

## WEIGHTING 20

### PART I: Globalization and development

33. Define the term 'Globalization'

Skill Level 1	
1	
0	
NR	

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Cartoon Interpretation: use the cartoon below to answer Number 34 to 35.



(Source: <https://em849.wordpress.com/>)

34. State ONE (1) influence of globalization on parents' attitudes today compared to the 1950s.

Skill Level 1	
1	
0	
NR	

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35. Describe TWO attributes of young people in India and China that have made them very competitive on the global market.

(a) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(b) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Skill Level 2	
2	
1	
0	
NR	



## Part II: Tourism development

36. State the name of the ministry that is responsible for the development of tourism in Samoa.

Skill Level 1	
1	
0	
NR	

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37. Define the above ministry's role in regulating tourism in Samoa.

Skill Level 1	
1	
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NR	

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Resource interpretation – Use the resource below to answer Number 38

### Benefits of Tourism - Economic

- Provides employment opportunities
- Generates foreign exchange
- Increases Incomes
- Increases GNP
- Can be built on existing infrastructure
- Develops an infrastructure that will also help stimulate local commerce and industry

- Can be developed with local products and resources
- Diversifies the economy
- Tends to be compatible with other economic activities
- Spreads development
- High multiplier impact
- Increases governmental revenues

(Source: [www.slideshare.net](http://www.slideshare.net))

38. Explain what is meant by the statement “**Tourism is a form of economic colonialism.**”

Skill Level 3	
3	
2	
1	
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### PART III - National Tourism Strategy and Ecotourism

39. Define the term *ecotourism*.

Skill Level 1	
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NR	

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40. Name ONE (1) feature of ecotourism

Skill Level 1	
1	
0	
NR	

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**Photo Interpretation: Use the photograph below to answer Numbers 41 and 42.**



41. Describe how ecotourism can contribute to the protection and sustainability of local ecotourists environments

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Skill Level 2	
2	
1	
0	
NR	



**PART IV: Paragraph Writing - Case Study. (150 – 200 words)**

43. Discuss the effectiveness of strategies to reduce the negative effects of tourism development and ways of ensuring that the benefits of tourism reach all levels of the community. Discuss a major problem faced by the tourism industry in Samoa and suggest two ways of minimizing the impact of the problem

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Skill Level 4	
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## PART I: Climate Change

44. Define the term *climate change*.

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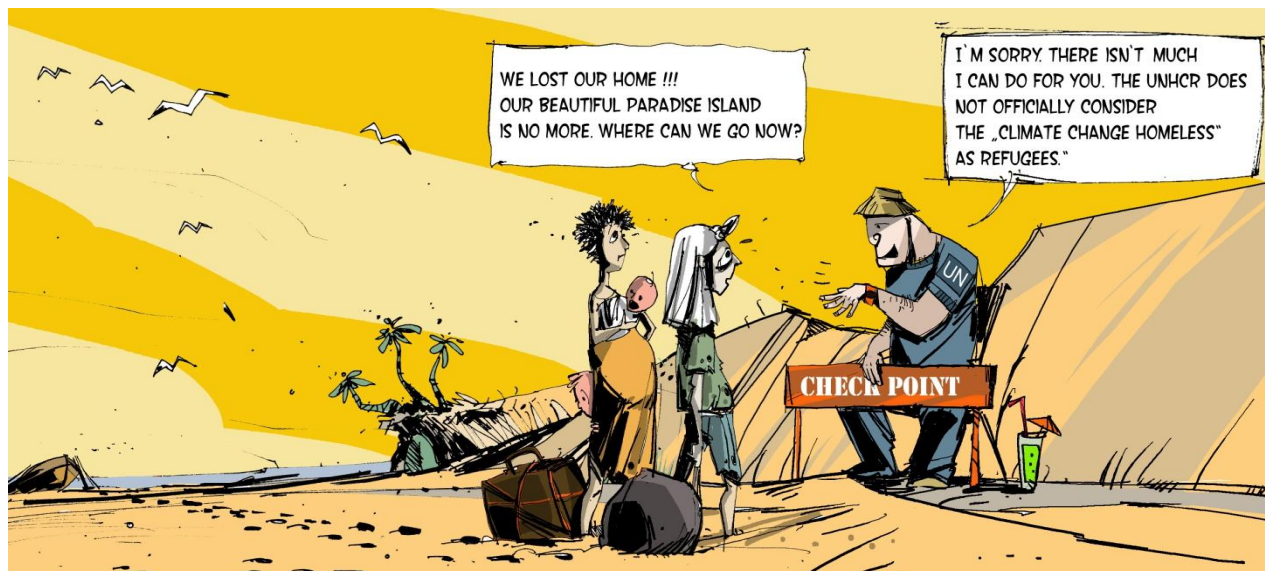
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Skill Level 1	
1	
0	
NR	

Cartoon Interpretation – Use the cartoon below to answer questions 45



45. State the main feature of climate change responsible for making the island residents homeless?

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Skill Level 1	
1	
0	
NR	



**Photo Interpretation – use the picture to answer Number 46 to 47**



46. State the main point illustrated in the picture above.

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Skill Level 1	
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0	
NR	

47. State ONE (1) cause of climate change.

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Skill Level 1	
1	
0	
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## PART II: Mitigating against climate change effects

49. Name a protocol that has been signed as means of managing climate change.

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Skill Level 1	
1	
0	
NR	

50. State what this protocol tries to ensure.

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Skill Level 1	
1	
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Use the cartoon to answer Number 51 to 53



(Source: <https://tallbloke.wordpress.com/2013>)

51. Describe the attitude of the developed world in addressing climate change issues.

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Skill Level 2	
2	
1	
0	
NR	



### PART V: Paragraph Writing - Case Study. (150-200 words)

54. Discuss adaptation strategies and their effectiveness to reduce the negative EFFECTS of climate change on people and their environments. Use case studies to support your discussion.

[illegible]

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Skill Level 4	
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Student Education Number									

# GEOGRAPHY

2015

(For Markers only)

STRANDS	Weighting	Marks	Check Marker	Final Weighting
<b>Strand 1:</b> Physical Environment	20			
<b>Strand 2:</b> Resources and their uses	20			
<b>Strand 3:</b> Population Settlement	20			
<b>Strand 4:</b> Development Studies-globalization and tourism	20			
<b>Strand 5:</b> Environmental issues	20			
<b>TOTAL</b>	<b>100</b>			