# KZN DEPARTMENT OF EDUCATION GREENBURY SECONDARY SCHOOL FINAL EXAMINATIONS – 2015 GEOGRAPHY PAPER 1 – GRADE 10

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: R. RANGANATHAN

MARKS

**MODERATOR** 

:F. PARUK

**DURATION**: 3Hi

; 3HRS

: 225

DATE

: 09/11/15

NAME OF LEARNER :	GR/DIV :

#### **INSTRUCTIONS AND INFORMATION**

- 1. This paper consists of 4 Questions.
- 2. Answer any 3 questions of 75 Marks each.
- 3. All diagrams are included in the ANNEXURE.
- 4. Leave a line between sub sections of questions.
- 5. Start each question at the top of a new page.
- 6. Number the answers correctly according to the numbering system used in this question paper.
- 7. Write neatly and legibly.
- 8. This paper consists of \_\_11\_\_ pages and an ANNEXURE of \_\_10\_ pages.

#### SECTION A - The Atmosphere and Geomorphology

You must answer at least one question from this section.

#### **QUESTION 1**

- 1.1 Study the Source 1.1 which illustrates layers of the earth. Give one term that best describes each of the descriptions below. Write only the term next to the number in the answer book.
  - 1.1.1 The outer layer of the earth that is solid and rigid.
  - 1.1.2 The layer that is generally referred to as being soft and pliable.
  - 1.1.3 Liquid layer consisting of iron and nickel.
  - 1.1.4 Solid layer that is dense consisting of iron and nickel.
  - 1.1.5 Layer that is composed of low-density material called peridotite.
  - 1.1.6 The layer that is largely made up of granite and basalt.
  - 1.1.7 The layer that is divided into sial and sima.

[7X1=7]

- 1.2 Study Source 1.2 on heating of atmosphere and answer the following questions.
  - 1.2.1 Give one term that best describes each of the descriptions below.
    - a) Energy given off by the sun.

[1]

b) Energy given off by the earth

[1]

c) The ratio of heat reflected by the different surfaces on the earth.

[1]

1.2.2 Some of the heat energy given off by the sun is lost before it reaches the earth's surface. Identify the THREE ways in which it occurs by naming X, Y and Z.

[3X1=3]

1.2.3 Name one gas that increases the temperature of the atmosphere.

[1]

1.2.4 Which gas makes up approximately 21% of the atmosphere?

[1]

[8]

1.3Refer	to the synoptic weather map in Source 1.3.	
1.3.1	Indicate whether this is a summer or winter map.	
	Provide TWO reasons for your answer.	[1+2X2=5]
1.3.2	Name the fronts labelled x and y.	[4]
1.3.3	State the isobaric interval of the map.	[2]
1.3.4	Refer to weather station labelled B.	
	a) Describe the cloud cover.	[2]
	b) State the wind direction.	[2]
	c) State the wind speed.	[2]
		[17]
1.4 Study	the cloud in Source 1.4.	,
1.4.1	Identify the cloud type.	[2]
1.4.2	Give one characteristic of the cloud you identified (answer 1.4	1.1). [2]
1.4.3	Briefly explain how this cloud is formed.	[4]
1.4.4	Describe the weather conditions associated with this type of	
	cloud.( 2 answers)	(2X2=[4]
		[12]
1.5 Refer	to Source 1.5 and answer the following questions.	
1.5.1	Name the theory illustrated in figure 1.5.	[2]
1.5.2	Who was the scientist that proposed this theory?	[2]
1.5.3	What was the name of the supercontinent that existed	
	approximately 200 million years ago?	[1]
1.5.4	What do the men in the cartoon think about the theory in	FOT
	question?	[2]
1.5.5	Provide evidence in support of this theory. (2 answers)	[2x3=6]
		[13]
	to Source 1.6 – information on volcanoes.	
	Explain your understanding of the term VOLCANO.	[2]
1.6.2	Give a geological term for the phrase 'OLD Pelee was dead'.	[2]

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P.T.O... Pg 4 ... 1.6.3

1.6.3	State TWO characteristics of Mount Pelee that suggests that it	is
	a composite volcano.	[2X2=4]
1.6.4	What, according to the source were the negative impacts of this	3
	volcanic eruption? (2 answers)	[2X2=4]
1.6.5	Volcanic activity can also have positive effects. Suggest TWO	
	ways in which volcanic activity can be of value to a country's	
	economy.	[2X3=6]
		[18]
	[75 MARKS]	
QUESTIC	<u>ON 2</u>	
0.400.00.4	be word / tower for each of the descriptions from the lift below	
z.1 Give ti	he word / term for each of the descriptions from the lift below.	
10	NEOUS ROCK, SEDIMENTARY ROCK, METAMORPHIC	DOCK
10	FAULTING, FOLDING, WARPING, ROCK-CYCLE	ROOK,
,	TAGETING, POLDING, WARFING, NOOK-CTOLL	And and an analysis of the first firs
	Rocks that form in layers	
	Used in the making of tombstones.	
2.1.3	Contains precious stones such as diamonds.	
2.1.4	The bending of the earth's crust into anticlines and synclines.	
2.1.5	Slight bending of the earth's crust.	
2.1.6	The breaking of the earth's crust.	
2.1.7	The breakdown and recreation of rocks.	
		[7×1=7]
,		
2.2 Refer	to Source 2.2 showing layers of the atmosphere.	
2.2.1	Provide labels for A, B and C.	[3X1=3]
2.2.2	How many layers are there in the atmosphere?	[1]
2.2.3	What is the approximate height of layer A?	[1]
224	In which layer is the ozone formed?	[1]

	2.2.5	Name one permanent gas found in layer A.		[1]
	2.2.6	Which layer is responsible for all weather phenomena?		[1]
			[8]	
2.3	Refer	to Source 2.3 – article on global warming.		
	2.3.1	Explain your understanding of the term global warming.	•	[2]
	2.3.2	Why are cattle considered to be a greater contributor to global		
		warming than motor vehicles?		[2]
	2.3.3	Suggest 3 reasons why cattle are seen as the biggest threat to	the	
		planet.	[3X2:	=6]
	2.3.4	Write a paragraph on sustainable ways in which global warming	j	
		can be reduced.	[4X2	=8]
			[18]	
24	Figure	e 24A shows the way in which the sun's rays reach the earth's su	ırface.	
	_	24B shows the location of Durban and Port Nolloth. Study the b		
	•	and answer the following questions.		
	2,4,1	In Figure 24A, is the temperature likely to be higher at x or y?		
	Z-1," [ 1, 1		2+2X2:	=61
	242	State the factor responsible for variation in temperature depicte		~1
	Zu (™T q Zu	this figure (24A).	W 111	[2]
	2.4.3	Although Durban and Fort Nolloth lie on the same line of latitude	<b>a</b>	[]
	2.7.0	Durban experiences higher temperature throughout the year.	<b>.</b> ,	
		Explain why this is the case.	[2X2=	=41
		Explain wity this is the case.	[12]	
			[12]	
2.5	Read t	he newspaper article in Source 2.5 and answer the following que	estions.	
	2.5.1	Define the term earthquake.		[2]
	2.5.2	Name the instrument used to record earthquakes.		[2]
	2.5.3	What is the term used for the graphic representation of an		
		earthquake on paper?		[2]
	2.5.4	State one consequence of an earthquake with a magnitude of 7	.9.	[2]
	2.5.5	What type of boundary forms when two plates of the earth's cru	st	
		grind against each other?		[2]
	2.5.6	Provide 2 reasons why scientists predict that an earthquake will	,	

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P.T.O...Pg 6... most likely

most likely occur in South Africa, specifically in Durban, in the near future. [2X2=4]

2.5.7 Why should South Africans be concerned about the possibility of such an earthquake in Durban? (2 answers) [2X2=4]

[18]

2.6 Refer to Source 2.6 - intrusive volcanic features.

2.6.1 Explain the term 'Intrusive volcanism'. [2]
2.6.2 Identify the intrusive features labelled A and B. [2X2=4]
2.6.3 State one difference with regards to shape between features B and C. [2]
2.6.4 Describe the difference in the formation of a sill and a dyke. [2X2=4]

[12]

#### [75 MARKS]

#### **SECTION B - Population and Water Resources**

You must answer at least ONE question from this section.

#### **QUESTION 3**

3.1 Match Column A with Column B. Write down only the correct alphabet from Column B next to the number.

	COLUMN A	COLUMN B	
3.1.1	The spread of a country's population.	a) Famine	
3.1.2	No. of people that live per square	b) Literacy rate	1
	kilometre.	c) Infant mortality rate	
3.1.3	The average number of years a	d) Life expectancy	
	person lives.	e) Population distribution	
3.1.4	A person leaving his country to seek	f) Refugee	
	safety.	g) Population density	
3.1.5	Serious shortage of food resulting in	h) Fertility rate	
	death.	i) Death rate	
3.1.6	Percentage of population that can	j) Overpopulation	
	read and write.		
3.1.7	The number of deaths per 1000		
	infants.		
3.1.8	Imbalance between population and		
	resources.		
<del></del>		[8X1=8]	ŕ

[8X1=8]

3.2 Refer to Source 3.2 which illustrates the Hydrological cycle. Replace the letters A – G in the statements below with the correct geographical terms. Write down the term next to the letter. 3.2.1 A – largest reservoir of water on earth. 3.2.2 B – process whereby water changes to water vapour. 3.2.3 C – process whereby water vapour changes to water. 3.2.4 D – Any form of moisture released from atmosphere onto earth's surface. 3.2.5 E – water that flows on the earth's surface after rainfall. 3.2.6 F – moisture released from plants into the atmosphere. 3.2.7 G – process whereby water seeps into the ground. [7X1=7] 3.3 Refer to Source 3.3 that shows the population characteristics of Brazil. 3.3.1 Is Brazil a MEDC or a LEDC? [2] [2] 3.3.2 Give a reason for your answer. 3.3.3 Suggest TWO possible reasons for the high birth rate in Brazil. [2X2=4] 3.3.4 What are the negative impacts of a rapid population growth rate in Brazil? (2 answers) [2X2=4] 3.3.5 If you were part of the Brazilian government, what measures would you put in place in order to curb the rapid population growth? (2 answers) [2X2=4] [16] 3.4 Refer to the Source 3.4 and answer the following questions. 3.4.1 Identify the type of migration depicted. [2] 3.4.2 List 2 pull factors (factors that attract people to the city). [2X2=4]3.4.3 Discuss 2 consequences on the rural area as the result of this type of migration. [2X2=4]3.4.4 What can be done by local authorities to reduce this type of movement? (2 answers) [2X2=4] [14]

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P.T.O Pg 8... 3.5 Refer

	[ 75 MARKS]	•
		[10]
	so that it remains sustainable.	[2x2=4]
3.6.3	Suggest TWO ways in which the fishing industry can be req	gulated
	(2 answers)	[2x2=4]
3.6.2	Discuss the effects that depletion of fish stocks will have or	ı man.
3.6.1	What does exploitation of fish stocks mean?	[2]
3.6 Read	the newspaper article in Source 3.6 and answer the following	g questions.
		[20]
3.5.6	Discuss 2 negative impacts of pollution on the ocean.	[2X2=4]
	polluted.	[2X1=2]
3.5.5	List 2 ways (according to Source 3.5) in which the ocean is	being
3.5.4	Explain what you understand by exploitation of oceans by r	nan. [2]
	South Africa.	[2]
3.5.3	Name the 2 ocean currents that influence the climate of	
	b) Ocean as a source of food protein.	[2X2=4]
	a) Ocean as a source of oxygen.	[2X2=4]
3.5.2	Discuss the significances of oceans under the following hea	adings:
3.5.1	What is the main message portrayed in the cartoon?	[2]
3.5 Refer	to Source 3.5.	

P.T.O ... Pg 9 ... Question 4

# **QUESTION 4**

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4.1 Refer	to the two	population pyramids in Source 4.1 that represent 2 differe	nt
countr	ies. Indic	ate which pyramid, A or B is referred to in each of the	
descri	ptions bel	ow.	
4.1.1	A triangu	ular population pyramid.	
4.1.2	A countr	y showing a slow population growth.	
4.1.3	A countr	y with high life expectancy.	
4.1.4	A countr	y with high birth rate and high death rates.	
4.1.5	A countr	ry with a large number of adults.	
4.1.6	A countr	ry with a large number of young people.	
4.1.7	A countr	y with high life expectancy for females older than 80 years	
		[7	/X1=7]
4.2 Study	the flood	hydrograph Source 4.2 and answer the following question	s.
4.2.1	State the	e peak rainfall recorded.	[1]
4.2.2	State the	e peak discharge recorded.	[1]
4.2.3	What is	the term used to describe the time difference between	
	peak rai	nfall and peak discharge?	[1]
Choos	se the cor	rect answer within brackets.	
4.2.4	The pea	k discharge occurred at approx. (00:50 / 01:50).	[1]
4.2.5	X refers	to the (rising limb / base flow).	[1]
4.2.6	Y refers	to the (falling limb / infiltration rate).	[1]
4.2.7	The stre	eam resumed its normal flow at (midday / midnight) on day	
	(one / tw	vo).	[2]
			[8]
4.3 Refer	to Source	e 4.3 – information on HIV / Aids in South Africa.	
4.3.1	Define t	he term death rate.	[2]
4.3.2	ď		
	4.3.2.1	State the trend of the child mortality rate between 2000	
		and 2010.	[2]
	4.3.2.2	Suggest one possible reason for your answer	
		(the trend you stated in 4.3.2.1).	[2]

	4.3.3	Provide TWO reasons for the high incidences of HIV / Aids in	F0V041
		South Africa.	[2X2=4]
	4.3.4	If you were the Minister of Health in South Africa, suggest TWO	
		measures that you would put in place to reduce the incidences	
		ofHIV / Aids in the country.	[2X2=4]
			[14]
4.4	Refer	to Source 4.4 – Case Study and answer the following questions.	
		Explain the meaning of the following terms :	
		a) Political migrants	[2]
		b) Exile	[2]
	442	Why did many South Africans go into exile after the banning of	~ ~
	"Te" Filem	the ANC?	[2]
	112	What were the penalties( punishment) faced for belonging to a b	
	4.4.0	organisation like the ANC?	[2X2=4]
	111	Name the public holiday to commemorate the Soweto Uprising	Today
	4.4.4	of 1976.	[2]
	4 4 5		M €een .J
	4.4.5		[2]
	4.4.0	exiles?	[ <b>~</b> ]
	4.4.6		
		soldiers of UMKHONTO we Sizwe to adjust to life in the new	ron.
		South Africa?	[2]
		Į"	[6]
4.5	Read	the newspaper extract on flooding Source 4.5 and answer the qu	iestions
	Set.		
	4.5.1	What weather phenomenon caused the flooding in Limpopo?	[2]
	4.5.2	Provide a geographical term for roads, dams, water and electric	al
		supply.	[2]
	4.5.3	According to the article, what were the effects of the Limpopo	•
		floods. (2 answers)	[2X2=4]
	4.5.4	Discuss the effects of flooding under the following headings:	
		a) Higher food prices	[2X2=4]
		b) The spread of cholera (a water borne disease).	[2X2=4]
			[16]

P. T. O ... Pg 11 ... 4.6 Source

- 4.6 Source 4.6 shows a summary of the demand for water in different sectors in 1996 as well as the estimated demand for 2030.
  - 4.6.1 Name the sector that uses the largest volume of water. [2]
  - 4.6.2 Suggest TWO reasons why the sector mentioned in 4.6.1 has such a high demand for water. [2X2=4]
  - 4.6.3 Although mining and industrial sector has the lowest demand for water, it is the highest contributor to the GDP. Provide TWO reasons why you think that this sector makes such a great contribution to the GDP. [2X2=4]
  - 4.6.4 Discuss two water management initiatives that the government can use to secure South Africa's scarce water supply in the future. [2X2=4]

[75 MARKS]

**GRAND TOTAL: [225]** 

GREENBURY SECONDARY SCHOOL
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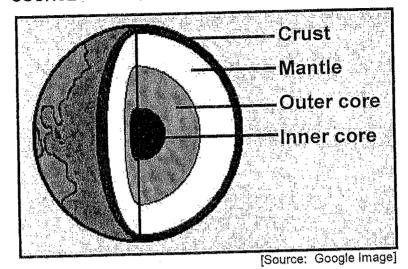
There

# GEOGRAPHY PAPER 1

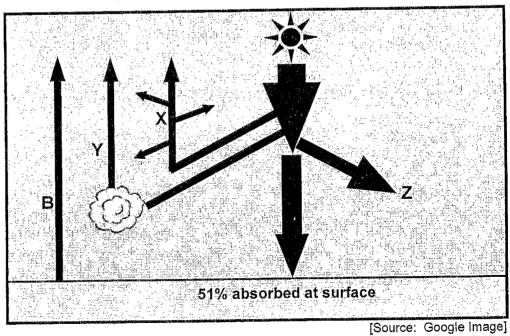
# GRADE 10

**ANNEXURE** 

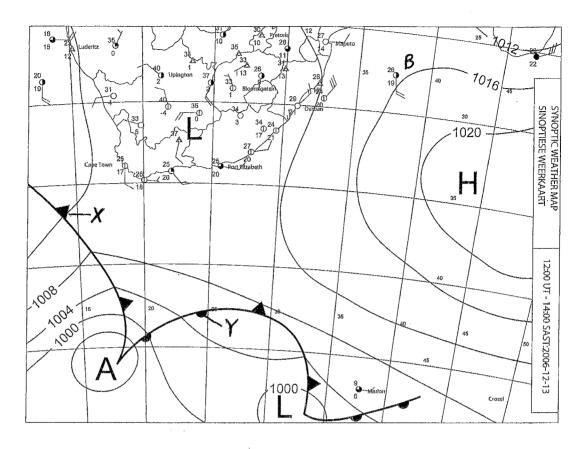
## SOURCE 11



# SOURCE 1.2

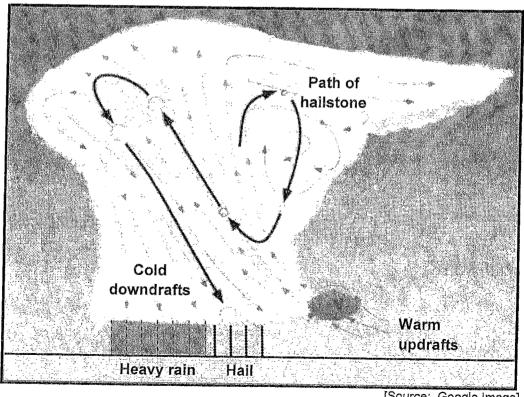


Source 1.3



SOURCE 1.4

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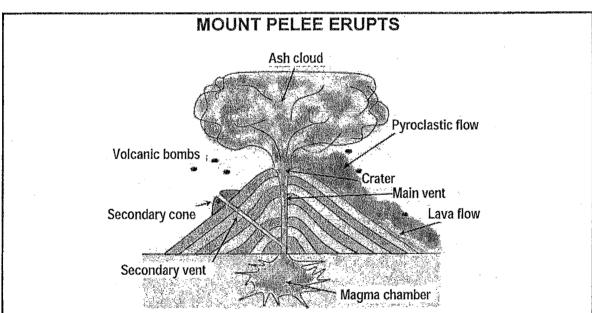


[Source: Google Image]

#### **SOURCE 1.5**



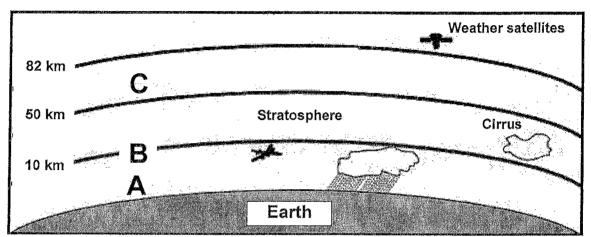
#### **SOURCE 1.6**



The town of St. Pierre lay peacefully at the foot of Mount Pelee in the West Indies. Mount Pelee towered over the town. Although the people knew that Mount Pelee was a volcanic mountain, few looked upon it with concern. The young people laughed at the elders when they spoke about it erupting 50 years before. Yes, Old Pelee was dead, no longer to be feared, but a friend. Suddenly in the spring of 1902 Mount Pelee came to life. There was a terrible explosion that rocked the town and tore a gigantic hole in the side of the mountain. A flood of boiling mud and glowing cinders swept down the mountainside into the town. In a matter of minutes the town was on fire and half buried. Ships in the harbour caught on fire and people burnt to death. The town remains in ruins.

[Source: Google]

#### **SOURCE 2.2**



[Source: Google Image]

#### **SOURCE 2.3**

#### BEEF CATTLE CAUSE MORE EMISSIONS THAN CARS - REPORT

by Ben Kage

Rising petrol prices and global warming issues have spurred an interest in clean cars, but a report by the United Nations suggests that the real culprit is not the car, but the cow. The world's surging cattle herds are the greatest threat to the planet.

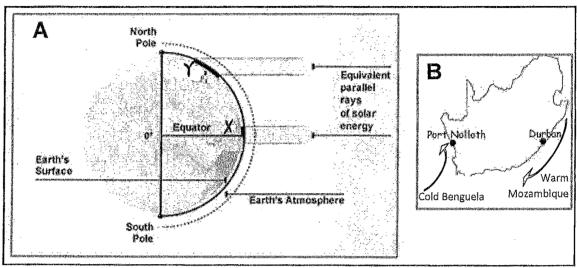
'Cattle farming not only destroys rainforests, uses enormous quantities of fresh water and results in the inhumane treatment of animals, it also increases the destruction of the planet's atmosphere,' Adams said.

The clearing of vegetation for grazing, the use of fertilisers for feed, and transportation of the product is responsible for 9 percent of all carbon dioxide emissions. While carbon dioxide is the most common greenhouse gas, the gasses released from cattle herds and manure emit more than one-third of all methane, a greenhouse gas that warms the world 20 times faster than carbon dioxide. Livestock also produce ammonia, a primary cause of acid rain. Cattle emit 18 percent of the greenhouse gases that cause global warming, which beats the emissions from all transportation combined.

It is also a major cause of deforestation, the report states, as a fifth of the world's pastures are being turned into deserts by overgrazing. Cows also require a massive amount of water – it takes about 9 900 litre of water to produce a little less than one litre of milk.

[Source: Google]

#### SOURCE 2.4



[Source: Google Image]

#### **SOURCE 2.5**

#### EARTHQUAKE IN SA A MATTER OF TIME

Pouza van der Fort

A major earthquake in South Africa is a real possibility but there is no way of predicting when it might occur. Durban has been singled out as the area of greatest concern in the event of an earthquake on the continent.

A major fault line starts underground at Port Shepstone and runs north through KwaZulu-Natal.

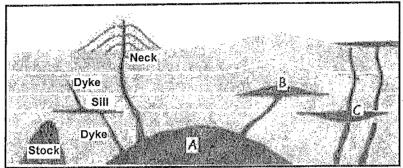
Dr Hartnady from Umvoto Africa, a company that specialises in earth science research and consultancy, said that earthquakes occur when the tectonic plates of the Earth's crust move, slide, shear and grind against each other.

The intervals between major earthquakes of magnitudes greater than seven ranged between 500 and 1 000 years, he said. In some parts of the East Africa rift system, the last major quake might have occurred 1 000 years ago. The next time might be due anytime soon.

'It is not a question of if, but when and it could even be tomorrow,' said Hartnady.

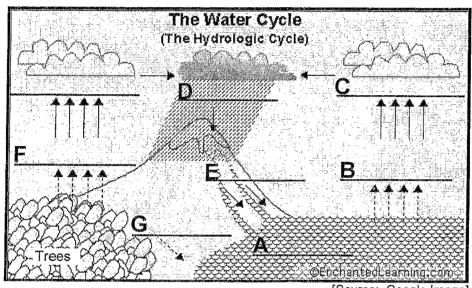
[Source: Google]

#### **SOURCE 2.6**



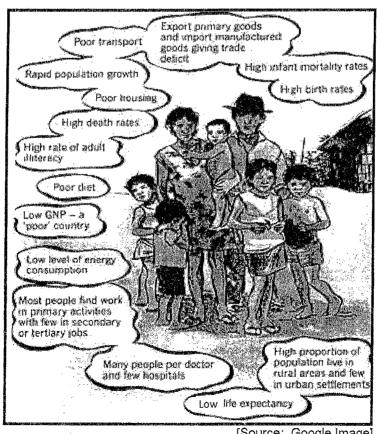
[Source: Google Image]

#### **SOURCE 3.2**



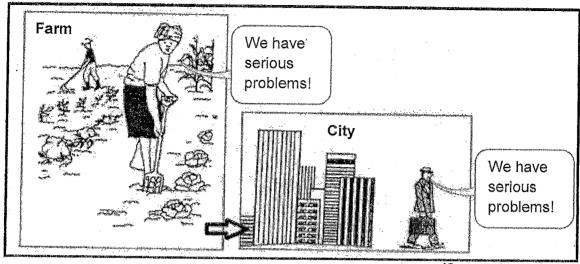
[Source: Google Image]

#### **SOURCE 3.3**



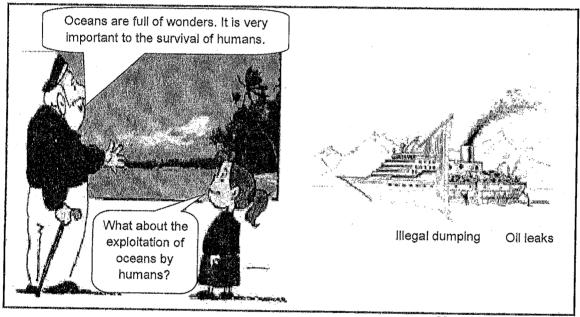
[Source: Google Image]

#### SOURCE 3.4



[Source: Google Image]

#### **SOURCE 3.5**



[Source: Google Image]

#### **SOURCE 3.6**

#### RIPPLE EFFECT OF EXPLOITING FISH STOCKS

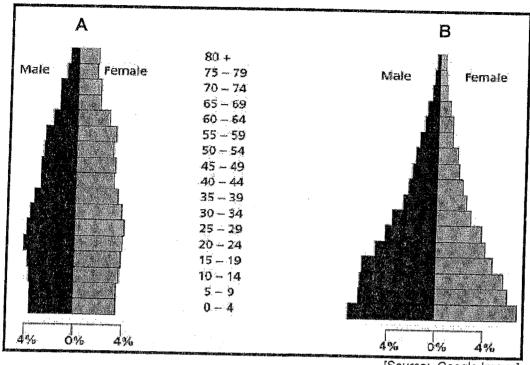
Kamcilla Pillay

Marine biologists predict that fish stocks will be depleted by 2050, upsetting the delicate balance of the world's oceans. The loss of fish will have a domino effect (an effect on one level will affect the next level) where other species are affected, for example whales will have a shortage of food.

This is made worse by the increasing death of coral reefs. Corals store carbon, and this will have an impact on the climate. There is a serious need to investigate other means of harvesting fish.

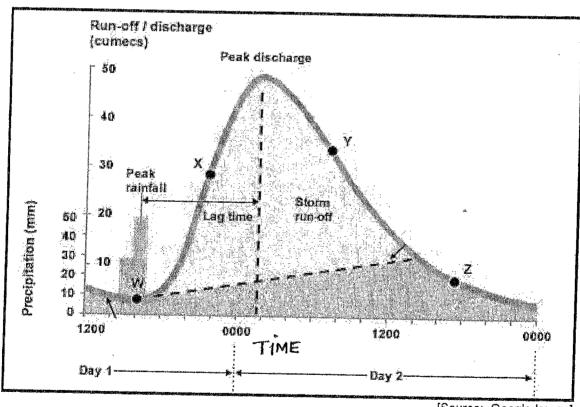
[Source: Daily News, June 2011]

#### **SOURCE 4.1**



[Source: Google Image]

#### **SOURCE 4.2**



[Source: Google Image]

#### HIV/AIDS IN SOUTH AFRICA

Among the estimated 40 million people with HIV/Aids around the world at the end of 2001, the cast majority, 28 million, lived in sub-Saharan Africa. The virus has spread at such a rapid rate in South Africa that the country is home to more HIV-positive people than any other nation.

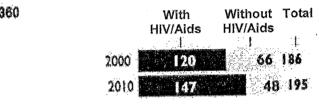
#### Deaths from HIV/Aids

more people in South Child mortality in South Africa as a result of HIV/Aids is likely to grow even worse this decade.

HIV/Aids killed more people in South Africa during 2001 than in any other country.

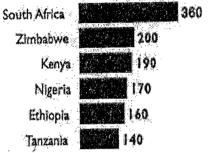
#### Deaths per 1 000 births by age 5:

**Child mortality** 



[Source: Google]

#### Deaths from HIV/Aids, in thousands:



## SOURCE 44

# Case study: South African political migrants

From 1950, many political organisations that opposed the South African government's apartheid policies were banned. If an organisation was banned, it became a crime to belong to that organisation, or to work in any way to further its aims. Penalties for continuing to belong and work for an organisation included house arrest, imprisonment and, even, death. In response to the bannings, many people went into exile. At first the numbers were relatively small, but following the Soweto uprising of 1976, the numbers

swelled as thousands of young people left South Africa. By 1990 there were about 40 000 South African exiles in various parts of the world. As political change came to South Africa, many exiles wished to return. Some had left South Africa with skills, some had been given opportunities to study while out of South Africa, but many had been ordinary soldiers of Umkhonto we Sizwe, and were not well equipped for life outside that structure. For this reason, among others, many returning exiles found it difficult to adjust to life in South Africa.

#### **SOURCE 4.5**

#### **HUNDREDS LEFT DESTITUTE**

Shocked residents started counting the cost of this week's floods in the Limpopo town of Hoedspruit. Hundreds of families have been left destitute after severe flooding in the area. Trees were uprooted and cars swept away like toys. A large portion of a road washed away when a dam wall broke. Electricity and water supplies were disrupted and farms destroyed. 600 mm of rain fell in 48 hours. This has been attributed to a tropical low-pressure system in the area. Major relief efforts are under way.

[Source: Sunday Times, January 2012]

#### **SOURCE 4.6**

DEMAND FOR WATER: 1996 AND 2030

SECTOR	% CONTRIBUTION TO GDP	1996 (106 m³ a <sup>-1</sup> )	2030 (106 m³ a-¹)	PERCENTAGE INCREASE
Urban and Domestic	and the state of t	2 171	6 936	219,5%
Mining and Industrial	37%	1 598	3 380	111,5%
Irrigation and Forestry	6%	12 344	15 874	28,6%
Environmental	The state of the s	3 932	4 225	7,5%
TOTAL	The state of the s	20 045	30 415	51, 7%

[Source: Google]

GREENBURY SECONDARY SCHOOL

DEPARTMENT OF HSS H.O.D. NOR O RAMASAMIN

29/10/15

	Grade 10 - Geography PI.
\$1.57 \$ (ABST)   15 E. SHINGS   16 E	Final Examinations - 2015
antigental de de 1835 filosofie estados de	Model answer & Marking Memo.
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SAN SERVICE CONTRACTOR SERVICES	11.1 Crust/Lithosphere 1.1.5. Mantle
an an angger exposes an ang ing the Standard	1.1.2 Mantle 1.1.6 Crust
THE STATE OF THE S	11.3. Outer Gre
	1.1.4. Inner Gre
antoning later to make the continue in the constraint in the constraint in the constraint in the constraint in	
en en journal se de la compansación de la compansac	121. a) Solar Radiation / Insolation
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TORONO OLE NOMEZHIO HUMBONI	C ALBEDO "
nija nije pomo smjeno om ovođe omobilaneje	
<b>建设设计设置设置 医二烯二次过去的现在分</b> 变	1.2.2. X - Scattering
	Y - Re-Flection
可以此代明的大学的特殊	Z - Absorbtion
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	1.23. Co2/Methane/Water Vapour other gases may be newtoned
Minima por alik cirkanin aktigan pa ji fish s	124. Ozegen (02)
entron (men som men more productive)	
- September of the sept	13.1. Summer - Low Pressure over internor
·	- Relatively high To MLC or C/F - Furthere South
MEDITY CONTRACTOR PROCESS	
可以不到64mm200mm200mm200mm200mm200mm200mm	132. X - Cold Front Y- Warm Front
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·查尔尔文家系统代·马科教际产业标题	
TERRITORISMONIA SERVICIONI SERVIC	141. Cumulonimbus (Cb)
त्रोत्रो ने ने ने निकास करता है । इसके में के किया करता है ।	142. large /dense towering Clouds
TO SOMETHING THE SECTION AND T	Large vertical extent /Anvil shaped - associated with hail, thunder & hoavy R/Fall

	14.3. Strong convectional currents
	High Morsture content
	lage scale condensation:
The control of the co	1.44. Towertiel downpour /hail/thurderstorn Ativity
14 Sec. 1995 Get 14 Sec. 1995	
The state of the s	1.5.1. Centinental drift
	1.5.2. Alfered Ugever
THE HARMAN STREET, SAN THE STR	15.3. Panged
The second second second	1.54. They don't believe in the theory.
THE STATE OF THE PARTY OF THE P	The think its baposterous.
*** Control of the Co	1.5.5 . Similar rock type/age /formation
THE PARTY OF THE P	- Similar Fossils
*** Productive section of the filtred	- Cocathnes fit - Ipsaw puzzle
* Andreas Andreas Andreas	- Similar plant & animal life presently.
**************************************	
*** Company Content Company	161. A hole through which hot ash, gas, lava are emitted.
** A A A A A A A A A A A A A A A A A A	1.6.2. Extinct
**) we are the state of the sta	1.6.3. Tall & Steep sided
- American Street Control of the Con	Consists of alternate layers of ash & Lava
The second and second	1.64. Town on fire /half buried - Down in Runis.  Ships in harbour caught on fire / Accept - hole in Mountain.
	Ships in harbour caught on fire / Accept - hole in Mountain.
	People burnt to death
** * La proprio del Proprio La Calcada Pro Cincia.	
	16.5 · Tourst Attraction - income generated
	Fertile Soil - o hence farming
***	- Creation of New Land - ISLANDS / Hot springs / Gaysers - electrici
200	
The Property Control of the Control	
A THE STATE OF THE	

	Quostion 2.
ggangung agadhat, anlaga 1995, pada 1994 (1994)	2.1.1. Sedimentary Rock
gyangat gurup danga kurnal igik nebigang kahar	21.2. Igneous 21.7- Rock Gicle.
yterform i state valuet en star-kon ekindentik b	2.1.3. Metamorphic
oordi. Netocatata (net bassing see sieristeeld)	2.1.4. Folding
	2-15 Warburg
	221 A) Troposphere B) Tropopause c) Mesosphere
	2.22. 4
	22.3. John.
	2.2.4. Stratosphere
	225 Nitrogen/Oxygen/Argon
E CONTRACTOR CONTRACTO	2.26. Tuposhures in the contract of the contra
	23.1. Increase in the average temp. of the world.
	23.2. Cattle emit methane gas which contributes to green bouse
	gases 20 times Laster than Coz.
	23.3.(1) Destroys rainforests / Flatulence & manure - produce methane.
	W Uses enormous quantities of Fresh water
	(iii) Cleaning of vegetation for angung/Use of fertilizer
	(IV) Transportation of products (V) Cattle produce Immonia (Ay 3)
-	(v) Cattle buduce ammonia (Any 3)
4	- 2.3.4 Sust ways IVI which global warming can be reduced.
	24.1. X -(i) Direct rays of the Sun.
	(i) Y - Indirect/perpendicular.
	(iii) X- Smøller Surface area - heat concentrated
Carlotte and the Angles and A. Spender	2.4.2. Degree of 1stitude:
and the second s	243. Dbn - on east coast - Warm Aghulos/Bauguela Current
erorses engages and	P. Nolloth - West - Cold Banquella Corrent.
DESTRUCTION OF THE PROPERTY OF	=> These 2 currents influence their respective areas ie,
The second secon	Dbn-W.Mc-Warmer P.Noll-C.BC-colder.

stanas	2.51. Violent Vibiation of the Earth's crust - Sudden Slippage:
	2.5.2 Richterscele/seismograph.
*****	2-5-3. Seismogram
ran erigin.	25+. Dawage /destruction - Infrastructure 1058 of lives (open Ended - accept any resenable answer)
707,849	loss of lives (open Ended-accept any reasonable answer).
¢mbyrr	
Aleks (Con)	25.5. Destructive Convergent boundaries.
en yere	256 (i) the fault live runs underground at Port Shepstone thro' the
a de Selection	northern beart of Kwa Zulu Natal.
PLiParum)	(ii) The interpole between major earthquakes is 1000 yes, and we
o (Kaletan	have based the time line.
y saw?	
PERCENT	25.7. Don - Coastal City - Tsunami-
94,24	- 1-tigh Pop clensity - built up area.
er nego	- Many industrial sites can be destroyed,
*in-art	- Many inclustrial sites can be destroyed.  - No exacuation procedures in place - limited earth a preparedness.
	2.61. Magma cools & Soldifies below the earth's Surface.
Tana Bar	
	262. A-Batholith
~aut	B-Lacolth  2.6.3. B- Mushneem: Sheped.
ennov	263. B- Mushrooms, Shaped.
anne e	C - Saucer - Shaped.
all the project.	
erd NGCC	264. Sill - When magna solidifies in a honzontal Olumn
-erreste	Dyke - When magma solidation in a vertical/diagonal column.
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	Question 3.	
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AND THE PROPERTY OF THE PROPER	31.2 G 31.6 B	
	3.1.3. D 31.7 C	god a statute
And the second s	314 F 318- J	uminals his wide a consistence and a service of the consistence of the
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- Diving a supple of the configuration of the confi	3.2.1.A-Ocean/Seq. 3.25. E-Run-off	COR A STORY METHOD & CORPORATION OF THE
Programme and the colonial and the colon	32.7.B. Evaporation 3.26. F - Evapo tousperstion	
- Palastagangan (Kanala - palasta gara parta Palasta Araba	3.23 C-Condensation 327 G- Infiltration	PA I nazvodnjelikovovovi nazvanaki se fotokovi nako provins
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	3.31. MEDC	
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	Lack of Contaceptoni	·····································
		AND THE SEASON BOOK OF THE SEASON OF THE SEASON
	3.34. lack of housing/growth of whomal settlements	rechts is dan eine Bereinan sein eine Mehren von der Geschen zu der General von der Geschen zu der Geschen zu
a filmente nomenum enunciera	Lack of Jobs / Traffic congestion / High Crime Rake	LALON KALTUKARISKI (SIKONOTIA PORTUBARIKA) POPUP POPUBARI PARKUTUKA
it til state fra til det en	Overcrowdung/lack of resources/Stand. of living drop	Conference and the second makes to the second s
		rangia valenti-estitri pantitirin 1991 <del>a</del> ngian havatiran makamatan kata di India.
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- <del> </del>	3.4.). Rwal-urban Mynatoin	· · · · · · · · · · · · · · · · · · ·
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रेचे हैं के उपन्य परवासीके का एक सेट अब देश के स्वीत के बाद है। इस इस इ	Lack of Jobs etc.	নুন বিধ্ব ব্যৱসাধার ক্ষর প্রশাসন ক্ষর কর্মনার ক্ষর ক্ষর ক্ষর ক্ষর ক্ষর ক্ষর ক্ষর ক্ষ
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Complete memo Q4

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	b ocean with some of food purchase framework and the contraction of th
participal contraction of the	Man Adulus (Mas) + Cold Bardan:
3.5.3.	Warm Aghulus (Mg) + Cold Banquar. Man catches were fish than argund -, does not
30 . 4	care about fahre use (Sustamalarhing)
ing control of the second	Wan bolistes Ocean
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	Oil leaks
35.6,	Harn Fish - lack Oz - Fish can de
	Prevent Sparmy & Fash
3.6%	Repleting Lish Hoeles. (catching too May Lish)
3.62.	farger species - eg whale - will have Twitege of
	tech p teed on dump your grown
	Reduce food suffly for man from Lea.
	Fish Price - increase - /- Ind. Close down
3.63.	Froling andre
	Closed Leasons / Festing heeves
e pario <b>es</b> a aproximanto de l'arroccio	Learge Mesh Size
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	Question 4.
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1	1. b) People that leave bee they cannot exerce them publical opinions
	a) leafle that move to other countries became of publicul reasons.
	eg. bummy ek:
4	4.2. They would have been inconcerated!
4	.4.3. house arrest imprisonment death
waanna ayaa san	
	4. 4. Youth day.
件	As not equiped to life outside the structures
and the second	
4.	F6.
***************************************	
A CHE CHAIN	5.1. Tropical low
	5.3. Trees Upworkd/Families destribute/Cons Washed away / Fartina destroyed.
on Olympian	5-1-a/Ferm lands flooded/ crops dawaged - food relds to be
	imported at higher frice - have higher food prices
4	=, b) Water contaminated - pollutants. ) benst senage pipe
The state of the s	No access to fresh / Clean wort / No Wed- Supplies
A	6.1. Turg chan and properties and the state of the state
4.	6.2. Raintall-low 2 Unreholde 14 SA
THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM	High East. Rate / Incorrect irrigation (famy bothers)
	Rf. Gouth - Nove people to feed,
4	6.3. Menerals eg gold, dramands - great dramand overseas
	- hence exported - Income - GPP.
	- Ind Manufact good - exported - Income - G.S.P.
- 10 miles	
1	164. Buld dans-store water / Rol Top howestry
The state of the s	Reduce Europe / Conservation - create culture
	Water Transfer Schemis
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