



Examiners' Report January 2013

GCE Geography 6GE04 01

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### Introduction

There were many excellent, well-structured and scrupulously researched reports in this January entry. Many centres are confident of what they are trying to achieve and have systems in place to guide candidates through what can be a daunting prospect.

There are, of course, more ways than one to produce a convincing report but most successful answers share a number of common features. In this examiners' report these themes will be touched on with reference to specific questions with practical advice as to how candidates can be helped to achieve better results. The obvious difference between the pre-release materials and the examination questions is just that: the examination demand is in the form of a question. It is something of a truism to observe that weaker candidates do not respond to this question – they simply present the findings that they have gleaned in the weeks of preparation and leave it to the examiner to sort out the relevance of their, sometimes, prodigious amounts of case-study knowledge. Some candidates are challenged by the report writing in different ways and in every case there are routes to helping them do better.

So, although it is dangerous to generalise, there are a number of common types of 'problem' reports. The table below identifies four of the commonest 'types' with symptoms, diagnosis and, most importantly, suggested treatments added. Needless to say some reports combine several of these features.

Problem	Symptoms	Diagnosis	Treatment/Cure
Heavily descriptive.	A long list of case studies, models and methodologies but very little exploration of the question and no development of an argument.	The apparent problem is a very predictable structure but the real problem is that it lacks any critical engagement with the title.	Practice guessing titles from extracts. Use past papers and examiners' reports and ask candidates to guess the question. Use just the analysis and conclusion sections.
Some analysis but lacking organisation and direction.	Shifts about especially in the analytical section with sudden changes of direction. Typically the product of a candidate who simply doesn't know either how to develop an argument or how to organise a response. A number of these reports are really essays with no research programme evident at all.	The apparent problem is the poor structure but in reality it is more likely to be confusion about what the candidate is actually trying to say. Thus they 'see' the topic and maybe the 'focus' but have no direction in what they are attempting to show, rather hoping that a 'view' will emerge.	This requires a 'take a view' approach to the preparation after the prerelease material appears. Candidates should brainstorm the possible theses that might emerge.

Analytical but either lacking evidence or making errors.	There are two sub-types here. The first are quite thoughtful reports flawed because they are based on misconceptions so they much exaggerate an anomaly or an exception. The second have a defensible thesis but cannot substantiate it with evidence suggesting a rather relaxed preparation period – many arguments are simply unsupported assertions.	Unpersuasive reports either use evidence with jaunty breeziness and often highly selectively or they fail to substantiate their 'view' so despite legitimate analytical statements being made they fail to provide any evidential support.	Continual practice in recognising what constitutes an unpersuasive argument. To get them beyond the; 'Why?' – 'Because I say so' approach that too many candidates adopt.
Poorly written	These reports usually exhibit several of the above tendencies but also have many hard-to- read sentences that are either largely meaningless as in 'There are many different aspects to this question' or contorted and simplistic statements that may contradict previous sentences.	Contorted writers have often adopted a few phrases that they think might buy a little 'time' and believe, mistakenly, that academic writing is about inflated phrasing. Simplistic writers tend to use absolutes as in 'Everyone knows' – 'it is natural to believe' phraseology.	Contorted writers profit from reading back their own work and trying to make their written work as clear as spoken work. Simplistic writers need 'models' of good practice.

A large minority of candidates remain reluctant to deconstruct titles. Given the parameters set by the pre-release information it is no doubt common practice for centres to end their preparation with a review of past questions and the need to give every word in the titles equal weight. Given that they know the topic and have a very strong steer about the focus what remains is:

- sensitivity to the command word(s)
- 2. sensitivity to the various restrictions that might limit the range of evidence that they could, and should, deploy.

One other tip, that many candidates are naturally used to doing in their daily lives, is to argue a case with a clear view of where the 'argument' is taking one. As soon as they see the question for the first time they should 'take a view'. This should be incorporated in their plan and they should keep it in front of them both literally and metaphorically. The sensible habit of including 'mini' conclusions after presenting evidence would be all the more useful if a reference was made to the general direction of the argument. This would then permit the conclusion itself to be, as it should be, a drawing together of these threads.

For this examination paper, the most appropriate, most frequent and certainly most defensible views were:

Question 1 – Very significant but not overwhelmingly so with some important historic and actual exceptions.

Question 2 – There is a wide variety of values and attitudes but their role in determining management is largely a question of who holds political power – some interest groups are likely to be ignored even if their 'case' is legitimate.

Question 3 - Much depends on the definition of 'drylands' but in a globalised world this is not easy to prove given the role of poverty and other socio-economic factors in determining food insecurity.

Question 4 – There are many different factors but the spread of a globalised culture is probably the strongest factor impacting on cultural landscapes today.

Question 5- The relationship is complex but broadly a big 'yes' qualified by some comments about diseases of development from diabetes to obesity.

Question 6 – Different strategies are used because (i) managers have different objectives and (ii) the problems vary greatly and thus require different strategies.

It should be added that many other views are defensible and many excellent answers pursued different lines but all provided some evidence to support their view. It is about priority – the argument should come first with evidence used as the support structure. Showing that, for example, many tectonic hazards occur at destructive margins, in an absolute sense is only meaningful in the context of this title if a relative point is also made – as in, more than anywhere else. It was encouraging to read answers that 'took a view' for that is what the structure of this Unit is about. Here is a topic, here is an issue, now here is a view about that issue – do you think it is defensible?

Finally, it would be helpful if candidates could be clear about the difference between 'models' and 'theories' which many use as though they are synonymous. Models do not, of course, explain anything at all but are often very useful ways of describing reality. Theories, by contrast, need to satisfy two conditions: they need to be testable and they need to be predictive. A failure to make this distinction can lead to significant issues for some candidates as in 'Such and such a country is currently in Stage 2 of the Clark-Fisher model so it will soon....' or 'according to the Butler model what will happen next is...'.

### Question 1

There was a wide variation of performance on this, the most popular question. Stronger candidates identified a clear framework that was adapted to the set question and clearly recognised that whilst plate boundaries are indeed very important:

- 1. Some plate boundaries are more important than others and...
- 2. Not all tectonic hazards are found at plate boundaries both...
- 3. ... because the impact is occasionally displaced over long distances and...
- 4. ...there are other causes of crustal movement, not all of which are very well understood

They managed to write in an interpretive manner conscious of what is meant by 'assess'. They married the aspect of plate margins to spatiality, weaving in case studies to argue whether or not plate margins are indeed significant in determining the spatial distribution of tectonic hazards. They agreed with the statement without forgetting to use examples that were not associated with plate margins. In addition, they also had references within the text to show that they had actually read the sources as part of their research. Weaker candidates tended to have a very broad focus, much of which sometimes appeared to be pre-prepared and consequentially lost sight of what they were trying to argue. They overlooked the word 'assess'. A significant number of candidates also had a separate section on plate tectonics/continental drift but often this was not applied to the question in any meaningful way. Most candidates attempted a framework based on concept rather than case studies. The most common, and most rewarding, framework was based on the four types of plate margin to which they added references to hotspots, 'old' fault lines and hydraulic fracturing. Weaker candidates tended to have a list-like approach based on case studies that were unrelated to any spatial pattern with the weakest not even attempting any empirical evidence. A significant number of candidates showed no assessment whatsoever. Most candidates made some attempt to go beyond plate boundary activity. However, for some this was just an add-on, with no assessment of the significance of what they were stating. The most common case studies mentioned were Iceland, Haiti, various Japanese examples, the San Andreas, and Indonesia.

Analysis

PLATE GorniDARLES

Destructive boundaries

At destructive boundaries prates are moving towards

each other and the denser occanic crust subducts

beneally the continental arust. Where the plate subducts

the plate partially nets and the melted material

rises towards the surface. At dostructive boundaries

unalent earthquations and valcanic emphasis occur,

earthquation at destructive boundaries aren usually

considered a threat or hazard bornies they are

doop scaled. His is unless the qualce happens beneath on occorn and triggers a termanit.

In 2011, a 9-0 magnitude earthquake struck under the occan which triggered the Totokus Japan ternani. As the quake took place under the water when the place rebosed the pressure hape waves were formed, the ternani killed 16,000 people and is an example of how hapardows earthquakes at districtive boundaries can be. Earthquakes and unknows at districtive boundaries and erupt after but whenther do release large amounts of pressure that has been building up over time.

At destructive boundaries volcance can be evend which are capable of huge exoptions, at this boundary andouter

magma can be found from the portral melling of subducting plates, this creates visions lava. In 1995, Montserrat in the Caribboon started enothing order heing commont for over 300 years, the worst enothers mappened in 1997 and 19 people were talked after 11,000 were evacuated.

At dostructure boundaries mountain ranges such as the Andes can be found where the Nasca and South American proles amonge, as here economic earthquakes are also a threat.

· Constructive Boundaries

At constructive boundaries places are moving aport,

where this happens basellic magner rises through the

sorp ont cools forming now lond and ridges that tear as the places continue to move. At constructive boundaries early unders and volcarios are again a move of but here events are more frequent but typically less tostudie as pressure and easily be released whout a built up

whose the Eurasian and North American plates are moving uport the mile Atlantic ridge is formed, here there are frequent earthquakes but usually on low magnitude and valcanic eruptions. While the valcances rise from the exert, valcanic islands are formed such as

Looland. In Iceland there are frequent tectoric activity but usually not vary expressive or on high magnitude but the potential for a large explicin is there.

· Conservative Boundaries

At conservative boundaries places move in the some direction but at different speads, here we earthquates are material is arealed or destroyed. Places can lock together which can cause a build up in pressure leading to high magnitude qualions or our stude post each other with little resistence and only trigger small earthquakes

The San Andreas fault in California where the Paafir and Worth American probes are stiding past each others. There exist a high fragmency on low magnified qualos but as soon in the past there is risk of a high magnified qualos talking place doing the fault line.

In 200, Hall, which he on a cooperate boundary was struck with a 70 magnitude qualcounted killed 220,000 people and made a mulion hondows, this was the first eruption of this scale to hit the area for hundreds of years and should the potential hazard on this boundary

· Callisian Bounday

At collesion boundaries plakes are almost the mount authorities and the chart of places herry period upwards. This movement a common hospiral thickness the crest is so thick the Chyothic magnia at those boundaries is inable to use the significant use one thoropie. There is no the crest is so thick the chyothic magnia at those boundaries is inable to use the significant use one thoropies and no extreme volcaises are almosted.

The Himdayas are somed by the upiet at a continuous bounday the land has been used over 9000 m.

Hall, law from frequent earthquakes on varying strongth are cound have in 2005, Kashinir in Pakiston was hit with a 7-8 magnitude qualce when as to the death of 75,000 people, extreme pressure had built up triggering the qualce

The different plate morgins / boundaries affect the spatial distribution of hazards due to the physical processes at each being different which leads to

deposent hozards occoring at vorying conditions but these are other factors which also impact the spaced distribution.

# OTHER FACTORS

· Holopols

Not all tectoric actually occurs along the boundaries of proles. At holspoles are unial to promes of made of proles. Motspoles are unial to promes of many magma which rise to the surface, the roration of holspoles is static so as proles more over the spot they become appealed creating a chain of voiciones.

Howaii is a sectionic hatepost which a chain of valcances being created as the magnici rises in the sence spot as the plates mave As halppost there is a high creationar of low magnitude we actionly.

-Crustal Thinning

Crusted thinning is linked both hotspots and are council by the portial melting of plates above rising plomes of magma. Yellowshold in America is above a hotspot and created by audid thinning, this type of volcans accords early extremely rarely and if Yellowshold was to early it would have the potential to change the alimate with risk of a UEI of 9. The early and could cause extinction.

Places not some along bodos apporting the distribution.

· Intraplate seismon What plake seismic activity can be caused by Lensian caused by movement at plate boundaries, the actualy can cause a build up of pressure which can load to teclone howards where not usually expected. The UK and other European countries not normally at not have been appealed by earthqualoss caused in this way · Franking & Dams Fracking coming is used to extract materials from the earth but causes pressure which can lead to hazards, Blackpool was but by earthquakes helieved to be caused by procking. Doms, particularly in movinteur ranges, stoke large amounts of water which adds weight putting extreme pressure on the planes below and the increased weight could couse forthquerkos in the plates move to releve the pressure Other people's can also appeal the spatial distribution of hospiras with events being caused in areas not along plate boundaries.

The melling of ice shoots relieves pressure on
the peaks brough from the docreased weight allowing
the peaks to force back upwords which can
though earthquibs the lower weight on the peaks

allows them to move easier with the pollutian for more hazards.

# CONCUSION

in condusion I think thost plate margins are
the most imported and significant factor in
affecting the spaceod distribution of hosaids.
Different boundary types cause different amounts
one tipes as nosaids such as more frequent
hosaids at constructive boundaries in tologial and
more powered hosaids at distribute margin in
Dapon. However other factors such as hotspots
in Hawaii have an impact on the distribution
with hosaids and into plate activity. Other factors
howe a significant impact on the distribution but
overall the plate margins and the movement
is the most significant factor in the spatial
distribution of tectonic hazaids.



There is a strong focus on the question with the most productive framework for proper assessment. However, the conclusion is a little brief - so Level 4 for Analysis but Level 3 for Conclusions and Evaluation.



Remember to refer back to the title throughout your analysis. Anyone reading it without knowing the title should be able to guess the title from what you write!

Introduction Tectonic hazards are events which may effect or have an impact on infrastructive and 101 human beings. Hazardousness increases when there are few warnings. Tectonic activity is all to do with place tectonics, which is the movement of plates are to convection currents It causes, Volcanic activity earthquakes and also tsunamis convection lithosphere Current cell movement. -Asphenosphere Due to the movement in the asphenosphere which couses convection currents to move, this causes Shifts on the earth's surface (librosphere). This movement causes there to be differently plate boundaries, which in du course course causes there to be differing tectinic activibes The framework I Shall le in my report will be that I will look into the different plate margins These are doston Convergent - destructive and collision, conservative and constructive, historia and try to evaluate what tectonic activities mey couse as the spacial distribution I will then look at and evaluation evaluate other elements that can also

cause tectonic activies, such as hotspots and will then conclude with a final opinion spatial distribution of tectonic hazards. I will use this framework as I can easily casses each book any other factors



This has a reasonable Level 3 introduction but it lacks a clear focus on the title.



Make sure that you make it clear from the start what the question is.

### Question 2

Most candidates were able to give definitions of 'cold environments' and often gave definitions of the different types of environment. However, and for some this is where it started to go awry, a surprisingly large number of candidates did not demonstrate understanding of the terms 'values and attitudes' or 'interest groups' in their introduction.

The framework for this report was usually by case study. The most successful candidates considered different types of values and attitudes for a framework whilst others, who kept a strong focus on the title, embedded clear references to values and attitudes within their 'case-study' driven analysis. There were a few really good answers that were based around theories such as those of David Berry and Maslin.

Nearly all the candidates used exactly the same case studies:

- Antarctica usually almost totally focused on tourism
- ANWR and elsewhere in Alaska
- The Alps
- Arctic Russia
- Lapland.

Knowledge of these case studies was often too basic and thus quite generalised. It was, for example, surprising that whilst almost every candidate used Alaska as a case study, only a tiny number of them mentioned the Alaska Permanent Fund, which plays a vital role in influencing local opinion to look favourably upon the oil industry and its plans for expansion.

One 'case study' that caused some problems for candidates was the use of the Canada tar sands in Alberta. Candidates clearly study this for one of the other units, and indeed one can see why, but in the context of polar environments it is, at best, marginal.

Weaker candidates wrote very descriptive answers which often just recounted everything they knew about management in cold environments, with a good deal of superfluous information about those environments untied to any commentary about management, let alone the values and attitudes that inform those actions. Consequentially they often wrote reports about 'challenges and opportunities' rather than 'values and attitudes'.

Stronger candidates considered different types of values, rather than just stating the opinions of stakeholders, which were, in the best reports, linked well to the relevant interest groups. Some related their case studies to theories, both in the body of the analysis and as part of their conclusions, which related different values and attitudes not just in terms of economic self-interest but also to cultural traditions and outlooks about the 'value of landscapes'. The strongest candidates were able to consider a continuum of values and attitudes along a spectrum.

Ineraduction
Cold environments today cover approximately 10%
of the earths Surface so how they are used
is of great importance to various stateholders.
Cold environments are icy landscapes characterised
by low temperatures with an abundance of
Snow and in alongside low population dentities
and low levels of biodiversity tim Adams et al
2009). Cold environments can be fligh latitude and high altitude:
Doginition
Interest - a person group or organisation who
Group affects are is affected by how an area
is used
(mum. Free dictionary, com)
High - Are area covered in Glaciers, parmagnose
latitude and ice shell and are found above
60° North and South
High Are Mountainou region found worldwide
Alliber with permapose and glocies. For every 1000m
in height the temperature gass by G. 5°C
(Ounn et Al 2009)

Framework
△ Explaitation
Oil & Gas Machenzia
- HEP Iceland
8 Tourism Pyrances
Alasta
Alasta
- Antarctica
Convenue
This appared will assess the depth and inconstruct
This report will assess the depth and importance
of how cold environments are interest groups determine
how cold environments are used with nelation to
Explaitation or Conservation. Using the Case studios
in the Continuan (fig.) This report will compare and
Contrast the values and aftitudes within a range of
to how they are used from I will Start at
Paphicolon moving down to conservation assessing a wide range
ot mer



The framework here is a series of case studies. It isn't obvious from this introduction that the candidate has quite the right focus on 'values and attitudes'. A Level 3 response.



Make it clear in your introduction that you have grasped the key focus of the question - in this case it is values and attitudes.

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Green Perce Likell Corner Likell Coxen moly
received Breeze previous porter Server Moder
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preparation
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ince your? we injutive him decening the
Use of Cull ensurers, due to spes, a
is difficult by determine the use the to
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diagram in Fighel # 3 mans you to
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Sures.	***************************************			



Different because they are different is the main point of this conclusion that does correctly focus on values and attitudes, but doesn't explain how the differences impact on usage. Thus a Level 3 response.



Try to draw arguments together in a conclusion which shouldn't repeat material from the analysis but evaluate it. How important are values and attitudes?

### Question 3

Strong candidates engaged with the 'discuss' instruction, reading the title, correctly, as a statement that could be 'taken on'. The strongest responses demonstrated that drylands can indeed be food insecure (and in some cases extremely so) but they also recognised that drylands can be food secure. At the very top level there was also evidence offered that **non-drylands** can be food insecure. In short, they argued for and against the statement presenting argument and counter-argument and drawing the appropriate conclusions.

The stronger reports approached the challenge of assessing vulnerability by introducing quantitative measures of food insecurity to 'rank order' their case studies e.g. the Global Hunger Index (IFPRI) or the Maplecroft Index. The same candidates used evaluative language to go beyond simple comments such as 'x location suffers food insecurity'. They described food insecurity as chronic, or temporary, or sporadic, or seasonal, rare/common etc using comparative language as part of their discussion. This is obviously another useful way of comparing areas in terms of their vulnerability to food insecurity.

Within the analysis the fundamental causes of food insecurity needed some exploration. Many recognised that socio-economic factors are often a very significant impact on the geography of food security; often more so than climate, soil or geological factors. The best recognised the role of poverty in determining the vulnerable groups with varying degrees of food security **within** areas, which moved them well away from simplistic statements which were often remodellings of environmental determinism with a little Malthusian theory mixed in. The vulnerability of female headed households in urban areas and politically disadvantaged tribes/religious groups in rural areas were amongst the most impressive of these dissections of food insecurity at a regional or even local level. As soon as a candidate strayed beyond drylands the role of socio-economic and political factors became self-evident as in discussions about the growth of food banks in UK/USA.

Within the analysis stronger candidates used models of food security eg FAO access, availability, utilisation, stability and others. The best candidates had a framework that allowed them to use these models in their analysis, for example the comparison of a traditional dryland area most vulnerable to food insecurity linked to availability, with slums in a megacity with vulnerability to food insecurity linked to access and affordability. Weaker candidates failed to focus on the question by presenting physical and human causes of food insecurity in named dryland areas and evaluating which factors are the most significant causes of food insecurity. Such candidates often just gave reasons and examples that supported the statement. Candidates had to 'discuss'. The pre-release was clear: "Research contrasting locations which are experiencing food insecurity, with a particular emphasis on drylands."

The most fertile case-study material was at the regional level because, by definition, these 'recognised' that there were variations within countries which inevitably moved candidates away from sweeping and erroneous conclusions about the role of the environment. For example, Ethiopia is not uniform dryland but the Omo valley, Ethiopia is indeed a dryland area. Mumbai is a megacity and Dharavi is a slum in Mumbai. The choice of China, the USA or even Africa was unlikely to be productive given the enormous range of variation of food insecurity within these continental sized global regions. Finally, Malthus and Boserup were quoted by many candidates. Sadly only a few applied these theories to the question.

1 introducción

moughout this report I will be exploring unether currency, drylands are the areas most vulnerable to the threat of food insecurity i will focus in paricular on how levels of good insealing vary in organd and non-dyland regions, due to a disparity in human and physical pactors. Thus, I will take a systematic approach to this structuring my report according to organia and non-aryland regions, and within that by the Maplecrott index. Ultimately the maple crops index examines the 15K of food insecurity in 162 countries and is comed by four sub-indicies: the numbional and health Status of the population, availability of food Stocks, stoubility of food stocks and access to food stocks merepore, I will start by looking at those countries with extreme vevels of food insecurity in pyland and non-dyland regions such as somalia and Haiti, and then those with lower FSI scores such as Australia The definition of food insecurity, as defined by the FAO is when "people don't have enough 1000 to meet adily caloning needs" However, a lack of food 1511't the main issue. As the international Federation of the Red cross states, "there is not a Lack of food globally but poor distribution."

Figure 1 shows distribution	now there is	a poor
Figure 1) A world ///-those areas from food in	sulfenng	
	me saher Region	Spockers of Australia.
As figure 1 show aisonburion of for the work a's popular and 925 million globally, it is drawn are the most v	ood supplies. Thu cook living in a people suffering ebatable uned	s, with 37% of only only on the only any only any only any only only only only only only only on
pood in security, on y lands is delined or drived by of combined with an	d ainascally y-subhunid!a ounn et al as	as aid, nd vulverability "a night itsk

communities to cope. there are a range of physical and human factors union contribute to lood insecurity in pyland and non-dryland areas, ranging from population pressure to conflict, as Figure 2 Shows Physical · desertification Human and ·nacural physical factors disaster contributing to wood population insecunt Thus, the proposed question is a complex, nuini-faceted issue and needs careful, in-depth analysis in order to grasp wrother



There is a very clear focus in this introduction with a clear identification of the various restrictions in the title as well as the 'discuss' command. This is a Level 4, top band, example.

philands are the areas most vulnerable to

good insecurity-something unital 1 plan to

arsuer by the end of this report



An introduction should have a clear and explicit reference to the question asked.

According to the UNDP dry lands are home to the poorest and most manginalized people an earth Sudan Is a dry land one a ln the Sahel region, which is extremely milnerable to the threat of food insecurity. The climate is erratic having shown a Significant decrease in painfall during

the 1960's -1990's. Furthermane the area Suffers reoccuring draught and suffered particularly severe drought in the 1980'S. The population are already extremely uninenable to those changes as 70% of the population mark in the agricultural Sector. In Danfur farmers lack the promisions to be able to stone mater from the vering Season en order le anercome shortages In periods of drought. Due to the enability to grow enough eraps, demand for foad en suden far exceeds supply. The population growth nate es 3% which means that the carrying Capacity of land es exceeded. Combined with this Sudan is am LEOC dryland area which means that the government Cannat affand to have food sumplus le distribute en times of chisis. currently Sudan es mecanem also subject le civil

NEC'S and other governments Connat
reach the country Are The New York
Times reported that due to civiluen
between the retell and sudanese
the population are relying on roots and

leaves as a source of substinence. Sub conclusion Suden is extremely unineverse to the threat of feed Insecurity due to the chinatic conditions that one characterised by ets dryland status. This is demonstrated by the book human and physical factors when cause Sudan to be threatened by found enseaming lake Chad lane chad is also in the satel negron and borders the countries of Niger, nigeria, Cameraan and Chad, 991. af Chad es dryland onea - and the onea surrounding lake chad is extremely uninenable to the threat of food ensurity Desentification hew coused the lake to shrink from 25,000 km² to 2,000 km². The population are extremely dependent on the lake as a sounce of Innigation and food praduction which makes the process af desentification a mayor factor en

threatening their limitarials. Similary to Sudan the population rely an agriculture as a sounce of Income The fichenmen who source their fish from lake Chaol have seen a significant decrease in the income they can make from their catch, from £30 a day to £6 a day 25 millian people line around the basin, therefore the demand for mater for exceeds the supply anomable Sub Conclusion Overall the fineat of desentification In lake that means that this dayland anea is threatened by faced insecurity, predominantly due to water scarcity. Currently the dependency of the population an the lake to sustain them means that they are extremly uninerable. India India Is an NIC, where 72% of the land es dryland according to the geographical en 2011. In runal arreas af Endia food ensecurity rates are extremly high as a result of being a dry land. Many of the population bely an substinence farming as a source of food, however, due to the climate the land is threatened and many of the people in turn face extreme panenty. Previous schemes

le emprane food security en endia have made the problem worse. For example, the Eneen Kenalutian en the 1970's Included esing bechnology such as fentilisers to Impagno Soil fentility. These fentilisers had detrimental effects in the long-tenm cousing the soil to be Stripped of nutrients and causing the land to become hand to cultinate. The government in India have promitived agmenture less for example, in the 1980's 1.8% of Cheir EDP was spent on the agricusturel sector, this has decreased to 0.6% en 2008. The country has a large population of 1.2 billian and supporting those in extreme panenty es difficult, when the economy es prioritised enother forms of development. The USA Subconclusian onerall the case study of India demonstrates that the combination of economic "slubility and physical "ability to grow crops cause the elay land to expression be uninerable be the threat of food enseunity,

The USA es and Australia
The USA es an MEDC however currently
dryland areas are undreable to the
theart of food Insecurity of Conding to
the USDA (united states Department of
Agriculture) they are expensing the

warst draught in 25 years. This draught means that crop yields here fallen by 27.5% of crops that are where such as say bean and conn. com praeluction was elaun 12%. The main problem here is that if praduction Is threatened in the WA, ather countries which pely an them for emports are those at misk of food ensecurity. In fustnatia dayland Salinity leaves many of the dryland raws regions extremely interable to feed insecurity. The process of salinisation occurs when the moter table vills and then unleas sait Staned in the ground. Salmisation has damaged 5 million hectures of land en sustralia and the damage has cost \$270 million The case study of this MEDE Staws Itak Saliniation means that It is

heny hard for negetation to grow. The

case studies of the MEDC'S demonstrate

that the physical processes which effect

elyland areas are extremly detrimental

and cause summerobility for their population

As well as other countries who are dependent

expan them.

Sub conclusion

The case studies of the MEDC'S show that

Anylonds in more economic slegle over one
Still influence of food insecripty as
a result of physical processes. Although
loss so because of human couses in contract
to sudern, line chood and incha

In conclusion my report has shown that
food insecurity after affects dry land
aneas making them the most vulnerable
to the threat of food insecurity.
This is a result of the climatic factors
as explaned in sudan and lake chool
where draught threaters a large
cection of the populations limberals.

Hanener is also wersened by the

fact that connently daylands and

In those areas that are developing

and lack the economic stability be combat
unterability, for example failed 5 chemes
Such as the 1970's green revalution in India.
The USA and Australia show that atthough
they are beggety food searce as countries,
the threats that come with the
Characterisations of dayland cause
unterability orenall food Insecurity
es an extremely complex essue especially
in stry land areas where the chimate
can be erratic and the population after
the most uninerable.

Bibliography

SI

Food and Famine contemporary case (tudies 701)

Ceographical mitherin Ck 2011

S2

Edex Cel Az Geography Dunn et al. 2009

Abborok bbc news: co.un.

SZ

Ceagraphical 7011

The stem: com | news

S4

Edex Cel ognaphy Dunn et al. 2009

Cunnelian co.un.



This case study approach does a decent job of assessing how **these particular** drylands are vulnerable but the report lacks a conclusion and these areas are not put into any general context of drylands as a whole. There is no separate conclusion and the sub-conclusions tend just to repeat what has already been said. It is at Level 3 for the analysis.



Timing is important - the conclusion matters as much as the introduction. In fact it matters more!

### Question 4

The answers to this question were generally quite strong, although many examiners reported that there were fewer extremely good answers than have been seen in the past. As with all other questions, the strongest candidates gave a clear indication in their introduction that they understood the focus of the question and, within their methodology, how to embark on an evaluation. They gave clear definitions of culture and cultural diversity, followed by a good range of influencing factors. However, quite a few candidates focused on culture in general, rather than the 'landscapes' that might be generated.

Concepts used included variants on Venn diagrams with culture in the middle and the varying influences of migration, globalisation etc, some applied this by overlapping the exemplars used.

Sadly, there were very few candidates who tried to evaluate the **relative** importance, in terms of suggesting that some factors had more of an effect than others. Those who did so generally produced superior reports especially if they recognised that the 'factors' are not constant in either time or space.

#### Strong points included:

- The wide range of interesting cultural landscapes used in the UK and further afield, such as London, New York, Marrakesh, Sydney, Bhutan, Machu Picchu, Grand Canyon, Uluru, Havana, Oman, Dubai, and Belfast.
- The topicality of case studies, using very recent sources, and there was evidence of individual research by many candidates, and of fieldwork by some, particularly in London.
- Clear frameworks which worked well which were structured by factors such as globalisation, migration, religion, level of protection, political decision making etc.
- The use of clear divisions such as those between rural/urban cultural landscapes enabling the relative importance of different factors to be discussed effectively. The best candidates showed the multi-layered nature of cultural landscapes, in both urban and rural landscapes, as being a product of both historical and modern factors, as well as physical and human factors.
- Good use of specialist vocabulary, such as ethnoscapes, financescapes and clone towns.

#### Weaknesses included:

- Long-winded definitions of culture with a lack of coverage of cultural landscapes in their introductions.
- A poor selection of case studies leading to a lack of focus on landscapes; the choice of case studies is vital.
- Other reports described several cultural landscapes in considerable detail, but did not discuss the factors which led to their development.
- There was some inappropriate use of models and diagrams which were not really relevant to the question.
- Case study by case study frameworks tended to lead to descriptive accounts, which lacked the focus needed on factors affecting the development of cultural landscapes.

Evaluate the relative insportance of the different factors which contribute to the development of cultural lands capes Introduction UNESCO defines a cultural land scape as a distinct geographical are which uniquely represents the combined works of nature and of man term was first und by the German geographer Otto Schulte early 20th century and the concept was developed by the American geographic Carl Same. The adoption and use of the concept by the World Mertage Association in 1992, made the concept of cultival Landscapes I crown and inside warms the world (Wilkepedia con) Facus. The main thrust of my argument will be those different physical and human fastors or of great importance in constributing to the development of cultural lands capes. I will show that these factors may change time and that physical fasture as more important in south buting as the durelopment of ourth cultural Landscapes where as human factors a more important in corn-trabuting to the disclopment of whom cultical induces Francework To this report, I will be evaluating a verge of physical human factors shown in the table below. In order to evaluate a PHYSICAL FACTORS MUMAN FACTORS ruge of cultural landscapes, scale · Agriculture · Industry Vegetation will be using a number of Distinctive landforms , Toursm Relief Spiritual / religious buth nexal and urlace case studies Geologia values placed on the crea of cultural lands capes, in order to obere a regordantative whele on of alternation decine around the axid The examples I will be upring in scale, are entirer rand at whom and are given a

parts of the world. The case studies	I will be using are shown below:
RURAL CULTURAL LANDSCAPES	LURBAN CULTURAL LANDSCAPES
	a London (Brick Lone, Conary
· The Goldeston Rock Art Cultural	
Landscape Acerbanjan	
·St kilda, Swotland	The state of the s
- The American West the Grand	
Conyon	
V	sites that are situated away from
the main hub of an area and, with	<u> </u>
	turul landscaper on the other hand,
	nany built structures and high lures
	is landscripes verteet social and pulitica
traits and patterns (definitions ada	
Research and Method of copy	7
	ation of the variety of case studies of
	That this report a number of primary
	uning a vancting of techniques on
each lucation	
Primary data	Advantages / disadvantages
Equantitutive Place checks, protunt	he quote This provided amorete data
	nosevultions from Eustral and a ce
and und use and build	
	- Cank Contrary Est Salt Salt Salt Salt Carlot .
Whaq and Highgale C	
on separate trips	was doed Theorem we were
	I .
	malle bu determine the land we
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999	a bias
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	() Websites (townst)	The state of the s
Secondary	Quebsites (tourst)	These sex webselfs were with all for
Sources	www.chinahightights.com	pariding information on the
	unu golandon about com	physical and autural aspects of an
<del>lándánkan</del> nás-v,issziátétekit szitszitészisz	mun visatlanius ( ane com	area. However they were lowed as
***************************************		the unlosites armed to entract
##44}#4###############################		trentes to the ara which may affect
<del>~~~~</del>		the reliability of the data.
94427778844/3064/211274-2444-44444	3 Wilkepedia	This was good for basic definitions
***************************************		but was also uncliable as it is
95479:		open to the public to edit, therefore it
\$P\$(1(2)***********************************		is difficult to know which the
,		information is accurate.
manana arang arang mananan man	© LWESCO	A was known and highly regarded
264226142544444444444444447777774477744	Luhc: Unes CO Org	international organization there
***************************************	7	the Marmatian is reliable but may
		he out of date
	3 Books / articles	Writer by the academic community
#*************************************	Cometenes as cultural landscapes	there fore highly reliable Dunger
*****************************	CO FRAUS 2003)	al is the AZ Edex och Geography
***************************************	Dunn et al. 2009	purposes therefore reliable rock are of Aterbay
•••••••••••••••••••••••••••••••••••••••	Rock Art of Azerbaijan CM	before acting it provided factual enduce,
***************************************	Farajova 2009)	may have an element of bicus.



This is an exemplary, top Level, introduction with a very clear approach to the question asked which comes through very strongly indeed. The methodology is also very strong with an excellent range of sources properly evaluated.



It is very helpful to evaluate the potential problems of bias and reliability in your sources because it will help with your evaluation.

### Question 5

Most examiners reported a much stronger approach to this question than seen in past, with many candidates not just showing a strong command of the topic but also using frameworks based on well-known models, applied at a range of scales.

Popular models which worked well as frameworks included the WHO Health Transition model, Kuznets curve and also Omran's epidemiological model but these also included the introduction of factors which are clearly unrelated to economic development. Candidates using these frameworks established from the start that 'strongly related' is not a synonym for 'completely explained by'. Less successful frameworks based on a north/south or LEDC/MEDC division tended to close off the possibility of other factors playing a role and also led to far too strong an emphasis on 'India is poor so..' type responses which disallowed the reality of huge internal variations within countries, regions and even quite small communities.

Popular case studies focused on indoor and outdoor air pollution and asthma – using countries in Africa as well as Mexico City, Beijing and London (including the expansion of Heathrow) - which provided evidence for both argument and counter-argument with respect to the title's assertion. Older case-studies appeared frequently, which is of course perfectly acceptable, although these were not always convincingly linked to economic development or indeed any other variable.

There were a number of interesting case studies demonstrating real research at small 'local' scales; for example studies of a city such as Bristol contrasting life expectancy and lifestyles in a small area and relating this to economic status. A number used local super output area data from the health domain. Others at a larger scale used sketches derived from the GAPMINDER website very effectively.

#### Strong points included:

- Showing the two-way relationship between economic development and health risk and using data to support the strength of this relationship.
- A good range of 'degenerative' and 'infectious' risks and comments about genetic risks not linked to economic factors e.g. sickle cell disease.
- The use of facts and statistics to back up use of health risks e.g. air pollution PPM in London and Mexico City, prevalence rates of HIV/AIDs.
- A sophisticated treatment of obesity and the medical impact that it can have.

#### Weaknesses included:

- Long-winded treatments of health risks with insufficient focus on economic development.
- The poor selection of case studies led to a lack of focus on causes rather than consequences, the selection of appropriate case studies is vital.
- Introductions which just listed definitions, often through a bullet pointed list, which prevented candidates from developing a focus to their report.
- There was some inappropriate use of models and diagrams which were not really relevant to the question.

# 3.0 Are Health risks strongly related to economic development?

3.1.015 HIV/AIDs related to parnonic development? HIVMAN is a sexually transmitted disease, that takes 10 years to develop to ful 'AIDs'. It kills 1.7 the pordenic's million people a year (WHO 2011) and at 16/100 peak in 2002 willed 2.6 million people (worldmapper) It is uncurable, so once contracted to live people need to take artiretroviral drugs, globally 34 million people line with HIV/AIDs (WHO 2012) and in UCS & NICS where money is had to come by for therapy only 8 out of 23 million people are recieving it (UNICEF & WHOROOF)

## MAN 3.1.1 HIV/AIDS in the US

a developed nation, where education and the availability or contraception is taken for granted, however 13,000 people die from HIV/AIDS (wordnapper 2002) one it is the 34th Cause of death (COC and world life-expectancy 2009), . Why is it still a problem? The economic level of us means that it must be down to choice, where people ignore education /advice and do not protect against HIV contraction by unsafe sex or taking dygs through contaminated needles.

3-1.2 HIV/AIDS in India In complete comparison the NIC - India has 30X more deaths for from HIV/AIDS with 360,000 people died in 2002 (wordmepper). It is a greater problem here where education is not available to all, being the 13th Cause of death. (world life expectory, 2009). So, it is

Clear that the lack of economic development means that 20% of youth poop is not in eclucation (UNICEFOR) and 25% of entire poop is uliterate (BBC 08). The people do not inderstand the risks posed from HIV/AIDs, but also there is a cultival element where contraction use is not allowed. However, it is clear that they have no choice, unlike the Americans, and even once contracted lack of financial stability means they cannot apport active from a drys and have to rea on the limited support of charities like UNICEF and UNAIDS which can only do so much.

# 3.1.3 subconclusion

HIV/AIDS is Strongly related to economic development, as having the financial stability in a Country ensures reducated public about the the HIV/AIDS, money to pay for contraception and artiretronical therapy, but it an also lead to having a more leneal and approach where people ignore what they know, and this is very much the case in Us.

3.2.0 Is Malcria related to economic development?

As shown by the ETM, injections disposes are prevalent in countries of lower economic development. This is also that is mostly LICs) (WHO 2009), and is also the 15th cause of death with 830,000 to the most recent figure (worldlipeexpectang 2011). However, it also sooms errironmental related due to climate also playing an important role.

3.2.1 Malaria in the Democratic Republic of Gryo (DRC)

The DRC is situated in the muddle Africa right on equator. In the world it is 2nd for deaths from Malaria with 124,000 in 2009 2011 (world life expecting) and it's GDP is one of lowest in the world, it's lack of economic/financial stability means that standard of living is poor and simple strategies to emoid reduce risk of Malaria such as buying a mosquito net and taking antimalorials is not possible for majority of the work country. Although, economic development helps prevent health risk, their climate ferninonnuntal factors is also key, with temperatures never dropping below 18° crand very high humidity levels, DRC is peget for the breeding or mosquitoes, which transmit Malaria. Hard to compare to HICs due to the fact that majority of HICs have less famourable climates conclitions for malaria to be a risk.

This is clearly shown by Canada, a huge contry HIC in northern hemisphere where in 2011 there were NO reported deaths from malania, but also the Climate reported deaths from malania, but also the Climate reported the M habitats of mosquitoes, unlike DRC, with a annual temperatures ranging from -32°C to 24°C! (BBC 2011). However with rising pollution levels imminent due to discovery of oil reserves (anada could see rising temperatures, also due to industriculising of transition economies releasing more pollution that works lead to global worming. If temperatures were to ria, then Conada may see were more form, then Conada may see were more to support the survival of mosquitoes.

# 3.2.3 Subconclusion

Even though it is environmental factors which first determine whether Malaria is prevalent in a country, the economic development would help secondly, as HICs can appored simple for strategies to combat Malaria their LICs si carnot a by use or mosquito nots, repellents and taking antimalarials. However, indirectly it global warning increased, temperatures would be more suitable for Malaria to invest and could lead to epidemics in previously "too cold" HICs who would be unprepared.

3.3.0 Is skin (once related to economic development?

Skin Concar is not a major cause of death globally, being S9th in the table with 77,000 deaths (northlije expectancy and WHO 2009). However with increasing temperatures and use of surbeds, skin concer could be on the rise.

# 3.3.1 Shin Carcer in Abstralia

Australia experiences around 2,000 cleaths from skin (oncor a gear (cencer counci) 2010 o world lipe expectany 2000) and in with a rate of 5.8 cleaths per thousand it is ranked 4th in the world (world lipe expectany 2, 2009). However, it is a HIC nation, so but the classes geographical location means that it experiences UV levels considered "extreme" by ARPANSA at currently Way 12 (out of 12) (ARPANSA) and it is also situated beneath the ever largering ozone hole where all CFCs from world in atmosphere concentrates at poles. This six a from a patrol pollution that is being made worse through more made pollution.

which increases with economic development, as shown by the kuznets (uve (figure 2). Concernesearch 3.3.2 Skin Concer in Uk In comparison, uk, another HIC has 3000 deaths 1 from skin (ancer (more than Australia) but a rute more than hely their of Australia at 2.4 per thousand (wordliverpedicy 2009) In Uk, the UV levels rarely exceed 7 or 8 on a good day (Health Protection Agency) so the a number of shin concer caused by direct exposure to UV radiation from the sun is 2 or 3 x less than that in Australia - who so how? The level of economic development in Uk leads to a laxing life, where people choose to use sunbeds. instead. Using Surbeds before 35 increases risk of shin Concer by 87% (concer research + Golfes Coma) and it stars at a young age with 6% of 11-17 year olds in Uk using sunbeds, a figure of 250,000 children! (concurresearch 2010). So it is the chaire. 3.3.3 Subcondusion Skin concer is strongly related to economic development, for both countries, education and management schemes (like "slip, slop, slop" in Australia) are in place to reclude the rate of skin concer in both countries, but people Still choose to ignore what's right for them. This choice is only really available in HICs with high standards of living and in a stage of mass-consumerism. Also pollution from CFCs is leading to ozone depution which will greatly increase rate of Skin Concr in Australia due to deane hate allowing more harmful UVB

radiation to reach Eurth.

4.0 Conclusion To conclude, from all the evidence discussed in this report economic development relates strongly to health risk. For all health risks, on the causes are not simple, but complex, with more than one factor contributing, but it seems to be clear that mostly economic development has strongest relation to a health risk, in particular they way it is combatted through use of artibiotics, such as artimalarials for prevention of Malaria, therapies, such as radiotherapy to fight concer and antiretronical therapy to keep HIV/AIDS partients alive, as well as simple living improvements like mosquito nets and apply suncream, not using surbeds and safe sex. However, there are always anomalies that do not fit the pattern, orguebly Malcia is predominantly related to envormental/geographical location, with warmer climates forming the habital for injectious parasites and rectors mosquitos in this care. But, level of economic development and change Hospa Hisses also expects the Malaria, as countries with similar climate to DRC (and majority of Africa which is where parthe deaths occur) does not even come close to the dominance Malaria has in Africa as a continent and this clearly supports the fact that even Malcia is strongly related to level of economic development. Globally, a transition economies like Brazil, Russin, India and think arougeints the oblacky developed autions are continuing to rapidly industrialise and his leads to increasing pollution levels. Alongside the stude (and falling) pollution levels of whents HICs, there is still a huge

net increase in experiences annually, and the produce of ability to disperse warning and ozone depletion to occur. risin temperatures will injectious diseases like Malana and skin aswell as extreme weather events which would (oncor more health risks aswell. Malana colu premoush epidenuc. leads to Prononuic development alobalisation, and this re-emergina migration rates are previously extinct diseases could Smallpox, pollution, global warning, an ozone depletion,



#### **Examiner Comments**

This is a very well-organised piece of work that focuses on the title and keeps it at the centre of the report with excellent sub-headings and conclusions woven into the analysis. Top level 4.

The conclusion is very impressive with a successful evaluation and weighing up of evidence. A top level response.



Mini-conclusions are a useful method of keeping one's mind on the title!

Section 1 - Introduction
F 1-1 Definitions
Inscription my report I will use grographical terms to back up
Health - according to the World Health  Digarnisation (WHO) health is  2007 the physical or mental well being or someone at any given time
Health risks: one any thing that is a threat to human health (hozond) The health risk equation is:
Exposure X virulence or toxicity
tronomic development is the process of modernisations with in a country This includes infrastructure and health amongst of Levs. It is determined by the wealth of Ja country
Pollution - con occur in 3 forms: Atmospheric, hydrogopheric and terrestrial
Pollution is a horzard, as it can have how human health. It is the container

1-2 Focus
Throughout this report I will analyse and evaluate whether to find out the extent of how health risks are related to examic development.  I will use key term such as those in 1'1 to help my analysis and evaluation
I will use the use of various diagrams throughout my report. This is as they will bely me to analyse and compare various case studies that I will use in my report.
Figure 1 the Epidemeological Transition Model Stope D. Charles Grover
Severity   Litestyle Choice etc
Infections Diseases Wealth
The model above shows how health rist vary in terms of severity. It takes shows how levels of severity

w relate with wealth and hence economic development. I will use It also show Moughout my report I will look at different health risks such as objectly pollution and HIV. I for will amalyse as to why the distribution or or these health risks and I will analyse the pattern to see why it is lifer this and discuss potential reasons, I will include the use of case studies throughout my report I will compose them and evaluate whether they show how much it at all they skow that health right and are related to economic development. 1.3 Research As well as using recorrect case without my throughout my report, I will also include the use of tacts and figures, to complement my case studies and give them significance

He table 1	elow shap	
Case Study	Concept	Source (s)
UK obesity	33 % of adults	NHS Report,
	have a weight problem	Topic Eye Article
	or are beases	
	11	
West Bengal +	Under-grouppel	4eofil
Kongladesh Arsenia	water supply control	Top Spec Geography
Perisoning	Communited - cursonic	Digby + Comling 2010
		Sortana

case Study	Concept	Peronomice
	Industrialising Country suffering from	Geotile, UN website
	enviromental degradation	
Africa AFDI HIV	72% of worldwide HIV cases found in Africa	Edescel A2 bot, Geofile
Australiais Ozone layer depletion	CFC's dormaged Ozone layer above Australia	Sunsmort org Top spec Geography Digby + Cowling 2010
chosen go	think that od reliable a rem to under	I have eurces, that stand what

Their one come problems with my sources however Firstly for UK obesity I have used to a Topic Eye article. This could be inaccurate as it may be biased for entertainment purposes - However,

I have backed up this with NHS
Statistics so it shouldn't be a problem



A clear introduction with the sensible technique of explicitly identifying the focus. Strong methodology with evaluation in the table too. At the very top of Level 3 for both D and R.



If the introduction is strong it sets the report on the right pathway - that is to say a pathway which addresses the question set and not the 'topic' in general.

## Question 6

Many examiners reported that there was an improved standard of report structures, with the 'essay' approach a thing of the past. Thus most candidates wrote their introduction section followed by a methodology section that led into analysis and conclusion with some referencing and the use of helpful diagrams, usually of models. A significant number had both sub-conclusions and a bibliography. The stronger candidates tended to include a spectrum of reliability for their methodology that had a range from Wikipedia and blogs at one end to academic journals and up-to-date text books at the other end. Some candidates tried to interweave their methodology into the analysis section of the report but that didn't work too well. It worked better when numbers were allocated to specific resources in the methodology and then applied where used within the answer.

Some candidates found the question challenging because it required them to focus not so much on the different strategies which many did but the reasons for the differences between these strategies. The weakest answers simply ignored 'the reasons' and reconstructed the title as 'Describe the strategies used to manage tourism'. These reports not only lacked any assessment but also much contrast between management strategies (other than simple statements about their differences). They also lacked any attempt to differentiate between leisure and tourism and, very occasionally, forgot that 'rural' is the requisite context in an Option entitled 'Consuming the Rural Landscape'.

#### Strong points included:

- Many quoted up-to-date research or their own primary data collection, which when used well was rewarded.
- When using case studies, the better candidates justified their choices.
- It was a joy to come across case studies that had not been seen before.
- Some candidates considered the strategy of 'do nothing' and its implications and applied this to the question posed.

#### Weaknesses included:

- Quoting Chaffey 1996 seems somewhat dated for a rural case study.
- Weaker candidates tended to just provide case study material and in some cases this
  was irrelevant.
- Focus on strategies could become a focus on the challenges instead.

Introduction:
Disserent places all over the world undergo
management gor digerent reasons some areas
are highly environmentally sorsitive whereas other
areas are chreatened by the volume of tourists
at certain times this causes varying problems
in rural areas which all need to be managed
else they could collapse the pleasure periphers
model Shows how Leisure and Gourism has
spread over time. It can show you that certain
places have been visited since the 18th contains
which would as reeded multiple management
schemes to keep running. It also shows tow
What places are currently being exploited which
neans they could be under prossure from bourists
gleding to see these new sites
1800 (Ecostal) Buth Spa
1900 (east america) Florida
Transfort 1950 (America Sprin mediterranean takes off
2000 Amozon ilderness
(Artarctica .)
40000 3

Places Such as Pera-Macha Piccha are .

Concrently being exploited and are replying by creating management schemes.

Thirtte I have researched into what caused diggerent strategies that are needed to manage

the exanding leisure and bourism sector.

These reasons could include: Ranging ecosystems that are sensitive to bourism whether locals have a say in how the area surrounding them is managed. It is company that areas need to be preserved which can be cut as to the public species of animals are after protected which means management schemes have to revolve around their needs. Tarrism can also be seasonal which means Substantial management is needed to michstand hage pressure from the volume of tourists in a short space of the sime.



There are strengths in the introduction but it could be improved with better focus on one of the title's keywords - 'different'. These are addressed on the second page but not with any clarity.

A Level 2 response.



If the introduction includes an explicit mention of the keywords and focus on the question it helps keep the report on track.

Total Protection Preparations - Anharchica Antarchia is located in the South pole, and it is approx 16.2 sq km m size It is valued for being he must prishne. hospite enmanment, which is remote to many people. It's toursm boom began in the 1990's which can be said hat due to nedra coverage more and more people are becoming aware of this prosme enmonment In 1990-1991 townst level were at 10,000 which is very little in comparison to 33,824 of 2011. This small but highly significant level of townsts aming are having many impact hence management techniques are being put in place to minimise he effect. Management Butters model; 642 can be defined as the ability to control the amount - Rejuvenation no. townst of revenues pectine Bstagnation @ consolidation Occaping to the Butteries 3 revelopment model Antarchica is at the Shudvement stage of Exploration and as Reguvenation /decline -> management have been put m place it maans it therefore can not afford to go to the level of development. In 1959 the Antonobre Treaty was put together to morninge the mipaets of townson, which therefore declared Antarchia as a natural reserve of peace and science and as a region of cooperation it meant that no nuclear, or milatory practices were and are not perinted Mrs can be considered as at successfull strategy as it also bemeans that it avoids disputes of economic mnerals such as coal (oil. In 1994 the Convention of the Conservation of Antarchi

Manne ye Resources was put together was the Madrid Portocol (www.asoc.org) meaning hat no fishing is remitted in the southern oceans. This is due to the fact that many fish, manneds and sids have been hunest, killed or disturbed due to be arrival of townson And some the released of Happy Feet in 2006 it created a major townsm boson which nearly had a knock on egoct on the Emperor Pengum which was rearry howested to extribion [Foren Planet - Rund Attenborough) Preservation - Ecotomosm - Exploitation - D Cost Rica Costa Riza is located south America, with Nararague to he North and Panama to he south east In 1987 Costa Rica was propoundly known of as an Ecohonosm puradise with tourst numbers of 329,000. This is mainly due the nature attraction of brokensty and adverture toursm towever since their tourism has boomed and it is the country's largest economic contributer as m zot 2.2 million people were said to have nited.

high levels of pressure on the enumerment as well as
on resources.

Carning capacity's 1333 Costa Rica is said to
have reached it's overshoot
consumption

Consum

This has resulted in the country placing 10 nation party

to probect the 12 intertroporal rungarents and species

Not it may hold. The level of people have coursed

level of resources he country has This has herefore caused many impacks such as soil degradation and deforestation Hovever Ne Costa Rican government are seeking to implement managements successful managements Education is its man focus, as by teaching very young children he importance of surpovest they are also able to lead a brand new generation so once they are older shoch is said to be sustainable Sustainability can be defined as meeting he needs of but the current generation what comprising he reed of addition local people have designed Take nothing but photos, leave nothing but podphials waste nothing but me and wany he local into from hunesting, endangered spe for sommers. 10% of the land are protected is national partis, The tourist agency had also promoted he idea of eco-ladgry which therefore meant that land wouldn't needed to deforeshed to clear land for holels as they world built within the tree tops, However they are seen to be rather expensive so tourst alternate to eco-bed instead, but sometimes their are issues of greenwashing of hotels hat say hat hey are execognizedly May are not really. So regulations and observation of he holds are taken to monitor whether her are a Finaly other hotels and businesses are highly take

due to the land degradation they cause and due to

he gast that he leak money tout back to her

country.

Conservation - Preservation - Galapagos Islands

The Galapagos Islands are Located 60 650 miles off of

Ecudor on the Narca plate boundary. It man to good that

pure To why he islands are very vacanic and had many

endemore species.

In 1991 here were approx 41 000, people incompanion

to 2011 160,000, and as his islands are extremly

fragile and sensitive from to any changes, a management

house been placed to conserve these highly valued islands.

According to my #3 Ney have not reached overshood as

Ney have been successfully managing New actifula

islands and according to firy 2 New are at the stage

of development and consolidation as New are aware of

the pulliple impacts that threaten these islands and hence

seeked to

have reduced them is a managements.

Each tourst that armies pay 25 dollars which is

put towards the Charles Deux Trust which and a

will the consendon programmes of these endence

species The islands have been split into three uses

groups, 1) Extensive use which is high value of intellipe and

modulestry hence only to people are allowed on this

area at any given time 2) Intensive use which

shill has lots of biodiversity but townsts are only

allowed in the honogood sites 3) Remakon use which

most people fit under

Finally the Ecuadon on government has seaked to

reduce its numbers and at only peaks season

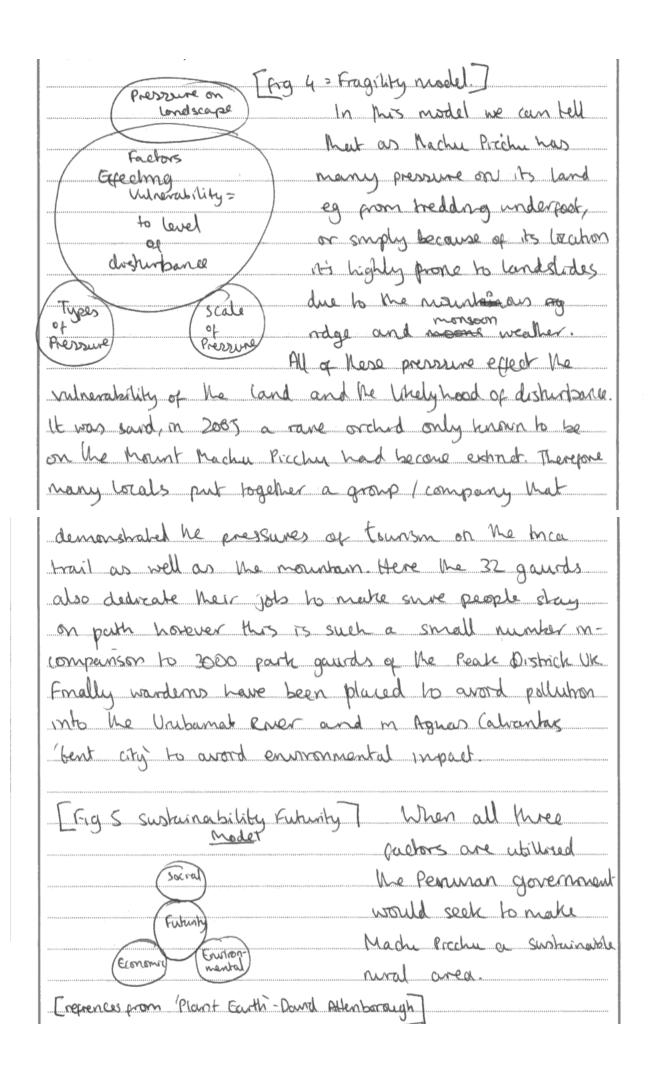
to reduce the impacts.

Conservation - Preservation - Exploitation - Markey Prechy
Mackey Prechy is located is in the Euseo Region of Peru
in South America, Leo assigned east of Lima
This is a prestigniquity site that is highly known
for its Inca settlement wins and in 200 6 was unaited
one of the 7 wonders of the world thowever Muchy
Pirchy is suffering the 'love to death syndrom's. This
is because of over 2000 townsts water visit and form
the trail every day causing many environmental
ussues (My mam source por these key facts have been
from a Gregarifile designed for A level students meaning
it is unlikely to be brosed.)

Tourism has reached its sverrapacity [fig3] as
tourism boomed over the last 10 years by 7241.

UNESCO had noticed its presoures and there managements
If techniques it was awained to amoral and placed it as
a world haritage sice.

The Perusian government have been placing sees on
entry to he sites at \$ 20 which has generated over
6 million dollars in 2011 which combuted to countries
boot economy as well as 3 million dollars from the
princip of the linea trail in addition they have reduce
the number of people allowed per day to 500 to
reduce the pressure.



Townson Enclave => This is the approach taken by Honvlayous, Nepal and Machin Dietro Pirchu, because both Meses areas ane potentially dangerous to and runarable to disturbances. Therefore what this makes sure that people are kept away from local people to avoid townsm. Not only that but be cause Nese are areas are sucephbal to change and in economichy stable places key are able to agood had techniques suche as fenting, and neiting paths Indurect approach, this is the cheaper approach which appears to be working sciccersfully in he get Galapagos islands was the usage of land zoning. This technique is used in sensitive areas hence soft approach is therefore modemental, for example little sons, land zoning, bruil signs. et In conducion it can be said that models can be successful in assessing the level of tourism over a a given time, and help to predict future outcomes. In order for managements to be successful successful they need to complete the three different attributes EFig 6 Sustainability stool) and only then can an rural area be protested Sustamobility at an equal scale which the impacts or twenty No advantages. Antarchia appears to be highly and successfully managed as its carry capacity zero as any egect would mean and cause damage

to the prostone environment meaning hat herefore he puture generation wouldn't be able to enjoy he score value as well in addition the Endapagos Islands and Ero Costa Kra Lave both been able to successfull manange their areas to maintain.

The ecotouron too within the contry



There is good case study information in the analysis but it would be significantly stronger if the reasons for difference were more explicitly addressed.

The conclusion rather confirms that tendency to 'drift' opening, as it does, with a statement about the efficacy of models in assessing the level of tourism.

Level 3 for both A and C on this report.



Be careful not to let the title slip from your mind! Write a note to yourself - keep it relevant to the question!

## **Paper Summary**

There are many encouraging trends in the last few series of this examination; not the least of these is the increasing sophistication of centres in preparing candidates to answer the question that they are set rather than offering broad overviews of the topics in which they are embedded. In other words taking a view!

Based on their performance in this examination, candidates should:

- make sure their answer has a clear introduction which has explicit reference to the question
- be careful to include only appropriate case-study material
- give an overall conclusion and perhaps some mini-conclusions, as they write their report, to remind them of the question
- ensure they know the difference between models and theories.

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