



# Examiners' Report January 2012

GCE Geography 6GE04 01



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## Introduction

The fifth examination for Unit 4 showed continuing positive developments but also some continuing weaknesses which still need addressing by centres. The central messages to concentrate on improving are:

- 1. Using the pre release effectively
- 2. Focus on the title set and use of command and key words
- 3. Introductions and methodologies
- 4. Choices of case studies
- 5. Getting to a useful conclusion

Question popularity, as scanned into ePen, was as below (there were also a number of unscanned papers).

Question	
1	2188
2	375
3	459
4	190
5	333
6	405
Un named choices	71

### **General points**

- The majority of answers are now in report style, and those still writing essays lose out on marks in QWC.
- It was pleasing to see a lot of **recent /topical case study material** being showcased, so for example, the 2011 Sendai earthquake and resulting Fukushima incident featured in both Q1 and Q5 and the Arab Spring in Q4.
- Most candidates had a **plan** to work from, although no credit is given to this in the generic mark scheme.
- Most also had some sort of **methodology** allowing access to the top level of the generic mark scheme band named Research and Methodology.
- A minority of students were disadvantaged in their QWC marks if they did not write a report style product with obvious sections and ongoing references.
- **Diagrams** were seen in all options, often well labelled and with scales or customised to a particular case study. Please note that it is best to avoid using the exam booklet landscape style.
- **Vocabulary and models** were seen in all scripts to varying degrees; **but** just namedropping doesn't show high level understanding.
- The majority included **ongoing evaluation** sometimes under very obvious subheadings. Some unfortunately evaluated their own research and report and gained no marks for this.
- **Timing** affected a significant number of candidates, usually because of too much time spent on the plan, introduction and methodology.

## Use of command and key words

Below is a summary of the command and key words that need to be unpicked.

These need to be continuously used in the answer and returned to in the final conclusion.

Question	Command words	Key words
1	Discuss	Disastrous
2	Explain why	Landscapes
3	Evaluate the importance of	Sustainable strategies
4	Assess the extent to which	Survive
5	Discuss	Changed and increased
6	Assess the extent to which	Contrasting attitudes

There was some evidence of centres second-guessing the question so candidates gave their prepared answers and therefore didn't score well, particularly under Analysis and Application. The key thing in any preparation is to enable students to be **adaptive and flexible** in the actual exam room and not prepare for just one type of focus hoped for.

## **Introductions and methodologies**

There are 3 critical elements in an introduction: **focus, definitions, framework**. Many answers had incomplete coverage and lost out on easy marks. The better candidates referenced these, often giving quotes and incorporating definitions in a clear focus using words from the title. Where a justification of the inclusion of particular case studies was carried out the rest of the report usually flowed more successfully, remaining true to its original aims.

This will lead on naturally to a methodology- either short prose paragraphs or a table is essential, using the critical concepts such as peer reviewed, reliability, topicality, cross referenced **specifically** to the pre release/title set. This may be successfully carried out as an ongoing methodology or put at the end of the report, whichever suits a student. NB: there is a cap of 11/15 for Research and Methodology if there is no methodology at all.

Best methodologies evaluated individual sources and identified more reliable data as having been peer reviewed, written by academic institutions, not sponsored etc. Nearly all of them commented on Wikipedia and how it is open to anybody to make contributions, unfortunately so many of them clearly rely on this heavily still. A Level textbooks are obviously a starting point, but should be better referenced than – 'the one with the parrot or green cover.....'! YouTube is not good enough as a quoted source, it's really just categorised as a medium and it would be best to quote the source that posted the video, which may be highly biased! Where viewpoints are important, especially in options 4 and 6, it may be a valuable source of information. From the start of their research on this module students would benefit from creating a reference trail such as this:

Information needed	Source	Evaluation of source

Sourcing and referencing could still be further improved. Too often the candidates would start off with references but by the end of the report they had forgotten to continue to do it, which will reduce their marks in QWC.

### **Choosing case studies**

This needs even more practice: there was a good range of case studies shown across the exam but it is important to ensure that within each report there is a balance between breadth and depth. If this is not achieved then the candidate is limiting their ability to answer the question well. The best candidates would have accurate case study data that was relevant to the question posed. There was a tendency amongst some to simply write all they knew about particular case studies and this detracted from the arguments that they were trying to create in the report.

If a pre release is set on temporal trends, it is unlikely that current discrete examples dotted across the world or a region are likely to be enough.

## Conclusions

Making evaluative comments and spotting the complexity in a question allows access to the highest levels in the generic mark scheme. Most candidates showed some sort of ongoing evaluation, at the end of each case study or discussion on a factor/reason/concept, and then an end statement. It is the latter in particular which is still not given enough emphasis - yet potentially can get more marks than the introduction. Grouping of examples and ideas, teasing out main points and possibly anomalies, and referring specifically back to the case studies/models etc used in the report is essential to access highest levels of the generic mark scheme, the concept of complexity is referred to:

Question	Spotting the complexity in the title to help final conclusions
1	Impacts are not just disastrous in MEDCs for their economies but also in NICs/LDCs with less reserves to draw on - it is not good enough to say Haiti was poor therefore the 2010 earthquake didn't matter economically! Some wealthier countries have been very badly affected by a disaster - with the Sendai earthquake and tsunami in 2011 a classic example.
2	Landscapes depend on not just relict or semi-active processes but static variables of geology, altitude, aspect and indeed the influence of humans. Repeated ice advances and retreats have modified/destroyed many older features, especially periglacial. Some areas of the UK have been affected more by valley glaciers than ice sheets, and not all the UK has been affected by glaciations!
3	Sustainable strategies are important, if they really exist! However, there is a place for less sustainable strategies too, e.g. emergency food aid. The smaller scale strategies of appropriate technology like zeer fridges must be directly linked to food security and weighed up against more global schemes involving GM and Fair Trade, and not all strategies fit a certain location or time.
4	Culture naturally changes so it is the extent and rate of change which is critical.
5	Health risks have seen a global shift in terms of water and land pollution from MEDC to NIC and LEDC countries, but air pollution especially still plays a large part in MEDC morbidity and mortality. Incidental pollution may have reduced in MEDCs but has not in NICs and LEDCs. All areas are affected by sustained air pollution even if they haven't caused it originally.
6	Not all players do have contrasting attitudes especially to conservation of landscape, so have examples of these as well as areas/locations with great differences. Some players have more power than others which may affect their attitude. Players may be both local and external to a locality, even global.

A good test of a good conclusion is whether you can identify the title and format of the preceding report from it `blind'!

## **Question 1**

## The number of tectonic hazards is not increasing but their impact has become more disastrous. Discuss.

**Pre release: Explore** the range of factors that make tectonic activity increasingly hazardous to humans and how the impact of disasters varies over time.

**Research** a range of social and economic impacts, resulting from seismic and volcanic hazards in contrasting locations and how these may have varied over time.

Aspects which went well and stronger answers	Less successful aspects and weaker answers
• Considered the two elements to this question, i.e. the time element and them becoming more disastrous.	• Only addressed the first part of the question properly ` The number of hazards is increasing' and
<ul> <li>Most gave definitions for tectonic hazard and / or disaster.</li> <li>Included references for their definitions.</li> </ul>	<ul> <li>concentrated only on these factors.</li> <li>Did not consider 'Time' and use trend data.</li> </ul>
<ul> <li>Defined impact then sub-divided into social, economic and environmental impacts.</li> </ul>	<ul> <li>Some were unclear on the difference between hazard and disaster and reverted to sub GCSE case studies in terms of explanations.</li> </ul>
<ul> <li>Used relevant models, incorporated into answers and customised including Degg's model, Parks model and hazard profiles.</li> </ul>	<ul> <li>Many described tectonic processes and the different plate boundaries in detail and drew quite complex diagrams which were not focused on this pre release or</li> </ul>
<ul> <li>Differentiated primary, secondary and tertiary aspects of the disaster.</li> <li>Went beyond the simplistic view that</li> </ul>	<ul> <li>question.</li> <li>Chose a framework which had only a simple LEDC/MEDC approach.</li> </ul>
developed countries suffer economic impacts and developing nations are hit by social impacts (Japan 2011 being a	<ul> <li>Some drifted into recovery and response.</li> </ul>
<ul><li>good example of this).</li><li>Chose tectonically affected areas with data collected over time.</li></ul>	<ul> <li>Only mentioned and did not really use models.</li> </ul>
	• Quoted inaccurate information from their case studies, either providing inaccurate magnitudes to events or incorrect dates.
	• Did not cover all of the 3 tectonic types.
	<ul> <li>Used inappropriate case studies, e.g. Kobe even with a high death toll was a good example of management.</li> </ul>

The most common examples were:

- Earthquakes: Kobe and the 2011 earthquake and tsunami in Japan; Loma Prieta, Northridge and San Francisco earthquakes in California, Sichuan, Christchurch 2011 and Haiti 2010
- Volcanoes: Mount St Helens, Mount Pinatubo, Montserrat
- Tsunamis : 2004 Indian Ocean and 2011
- More unusual examples that were used to good effect included: Arenal in Costa Rica, Mount Merapi, Nyiragongo and some older Japanese examples of tsunamis in Sanriku and those in Alaska. These were more successful because they included a time element.

Most effective were those who picked an area such as Iceland or Christchurch and showed how tectonic events had altered in their impacts over time. A simple search on google 'history of earthquakes haiti' brings up a wealth of information, but few seemed to have looked at this aspect of the pre release. Indeed, in many answers the case studies had not been well-chosen and did not provide the evidence to back up the points being made. Many candidates would explain why a hazard event had high social or economic costs and then say this was evidence of an increasing trend. They often chose two unconnected disasters which occurred some years apart and concluded that impacts were more disastrous because the more recent disaster had more fatalities etc.

The better candidates were able to cope with the complexity of the statement. They used lots of short examples of case studies to make their arguments but most importantly included a range of accurate statistics on trends. Not all differentiated the types of disasters reported by USGS and EMDAT however, since there is a critical difference between hydrometeorological and tectonic trends.

Basic, but very effective versions of the graphs seen in the main textbooks, or quoted directly from USGS and EMDAT, gained valuable marks in Research and Methodology. More able candidates considered why it is difficult to be sure whether the number of hazards is increasing or not, and mentioned improvements in recording and increase in media interest. They balanced this with consideration of social and economic effects and why this is not straightforward either.

The importance of graphs and real data on trends.

Analysis Trends Groups Reliable statistics from EM-DAT show clearly that there has been no increase in the amount of hazard events in the last century 1990-2008. See figure 3. The graph shows natural howmback of event Fluctuation in magnitude, Arrage auril and slightly in the trajuctory of events. Moneure, pu horizontal annage line shows 2008 1990 there has been no increase Figure 3: EMDAT in overall frequency of ents. The Auctivation is natural dive to violast event periods at discister not #15. spots. However, it may be percieved to have been an increase in tectonic hazards, because there has been on increase in the number of events reported to people, as shown in Figure 4, mother graph From EM-DAT evers. The graph shows that added the number of report events has increased. This is because of the advances. in the media, as a result 2008 of advances in technology, 1990 jave LE: From EMDAT **Results**Plus **Examiner Tip** Examiner Comments Always label axes and make the writing big This shows an obvious amount of targeted enough to see easily. In this topic the difference research on the pre release and the graphs do between tectonic and other causes of disaster not need to be sophisticated to gain marks. should have been shown (since the specification does not include hydro-meteorological).

This is an example of a good conclusion.

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#### Results Plus Examiner Comments

This showed not only a clear recall of previous case studies and concepts, but complexity (in using the Fukushima example) and was enough to get the conclusion into the top band 12/15.



Ensure obvious sub-conclusions are made, not necessarily after each case study but certainly at the end of a major section of work.

### **Question 2**

## Explain why glacial and periglacial processes produced a range of landscapes within a region such as the British Isles.

**Pre release: Explore** the processes which shaped the landscape during the Pleistocene within a region such as the British Isles.

**Research** the wide variety of landscapes and landforms created at different scales by glacial and periglacial processes within a chosen region.

The chosen region was invariably that of the British Isles, although the wording of the question allowed another location in case, for example, fieldwork had been carried out elsewhere. However, there was no need to use another area to contrast with the British Isles such as Canada or the Alps.

Most candidates gave some sort of definition of glacial and periglacial environments, but relatively few candidates went on to give definitions of processes and landscapes. The lack of clarity regarding 'landscape' as opposed to 'landform' often had a negative knock-on effect for the whole of the report. This was disappointing given the lessons hopefully learned after the last exam, in 2011, where the focus was again on landscapes.

The framework varied, with the most popular being glacial versus periglacial, others being upland versus lowland and some being glacial erosion then deposition then periglacial. Some of the best used Anderson's classification of scale of feature and then focused on one particular area, seeking to link the various processes and landforms to make an overall distinctive landscape. These were the candidates that realised you didn't have to include every single glacial/periglacial landform that you had learnt and could remember. Particularly well done was a focus on Nant Ffrancon, using the facets of u-shaped valleys, truncated spurs, corries, hanging valleys and arêtes. They by no means discussed every possible landform but by careful selection, by linking process and landform, clearly developed the concept of landscape. Glacial deposition and periglacial proved more of a challenge, but those candidates who did not try and cover everything, did develop the landscape concept. They struck the balance using the trinity of processes, landforms and *landscapes*. They used phrases such as 'the rolling basket of eggs topography of the drumlins in .... as compared to the jagged pyramidal peaks in ...'. Many used the idea of equifinality successfully, although some had obviously heard of the concept and used it in the hope it was useful.

Periglacial landscapes proved more of a challenge generally to candidates in terms of process and outcome, but, again, those who identified a few landforms in one area did well rather than the 'Cook's Tour of the UK' approach, trying to get in as many landforms as possible. Most candidates used glacial erosion examples from the Cairngorms or Snowdonia and periglacial from the Cairngorms (active) and Dartmoor and the South Downs (relict) although some unfortunately seemed to think glacial processes were still in operation in the UK!

Fieldwork tended to be the 'I went to Snowdonia and saw Cwm Idwal' type of reference rather than simple sketches of features in an area they had witnessed which would have gained marks.

Diagrams were of varying use and quality. There were some very basic ones which added nothing, most notably of cirques. The best ones were those that gave a flavour of landscape. Some had clearly learnt a diagram for upland areas which showed a range of landforms in one landscape, although only stronger candidates appreciated the differences in scale between a u-shaped trough and an ice-wedge cast!

More able candidates were sometimes able to consider other factors e.g. tectonics, geology, time, even human influence on landscapes and very importantly that repeated ice advances and retreats may mask initial features, especially periglacial ones.

Many introductions included information on the location of glacial and periglacial features in the British Isles. This one achieved 7/10.

ntroduction and periplacial processes are responsible for must of the badscape lacial land forms seen today in the British Isles. The cold period last and region was the Pleistocene (2,000,000 years BP experienced many landlorms date 10.000 yours BP back and H Bobs R Renad much gure 1 would shich account Many 100 processes wou Seen perialacial land Fodan .in where not covered taken ice dag. This had Pleistocene Extertalice coverage during Taure 1: Lese He Edexcel Cairnyoms Rasia Cambria recent Snudenia valiar Fu Lordon

These are some key terms that will be used in my report: · Abrasion - the wearing down of rack surfaces by resting and impact & debris-richice. (Rishop+ Prosser) Plucking the mechanism by which glaciers detach and rocks from their beds by freezing around plucking Hen from the surface 10020, - How gorm of clemical weathing where water enters a rock and groezes, causing I to expend. The build in pressure causes He rock to gradue · Perglacial - non-glacial cold climate processes and londforms reaw proximity to glacial ice mass movement of moterial definitions adopted from Anderson unless otherwise Fromework layout my report by the following table (see table 1) system and Hen explaining the landforms and leaching within they systems lable 1 ome anund lor **Examiner Tip** xaminer Comments To get full marks, more focus on the critical This is a reasonable portrayal but could have key word in the title of landscape was needed. been customised more to show the locations of key landscapes to be analysed and also which areas were dominated by periglaciation.

This is an example of an introduction to Q2.

Introduction 11 FOCUS. When attempting to accertain the effects of glaciation and periglacition upon the nelict British landscape, the applicat nature of the numerous ice ages it experienced during the Pleistoceno - the precedent to our current inter stadial, the Holoceno - have added to the complexity of the quartion, and the landforms produced have either been reshaped or detroyed by those subrequest to it. The Anglian glaciation, occuring 478-424,000 year ago (Anderson) marked the Richart vertent of ice seen within the UK, unposing glacial processies on what would have been perplacial areas, such as within East Anglia. The Dueensian glaciation, 2010 70-10,000 years ago (www. physical goog org) marks the last expanse of glacial ice within the ice, and arguably les having the greatest upact upa its lands case. 12 Define A glacial area is one which contains glaciers or ice caps (integrated geography) and differs from a presiglacial rensignment. Resiglacitation occurs u areas expressing cold temperatures of believes 0°C

sand a arear with particle continuous memofrast

(geoactine 21 - perglacial processies). They upad upon landscapes - an area displaying suillar geonorphological characteristics differently - yet their processor interact to exaggierate end the effects of reach.

1.3 Francework

In order to accuse the extent of the range of processor produced, I will be sub dwiding my nepat who upland and lowland categorier. In ner pleat of glaciation, this will allow the reflects of resorion and deposition to be vened reperately, to across the iertent to which they contribute to the formation of micro/macro landforms. This francework will also allow the effect of penalaciation to be assassed on a none current scale, or areas of high altitude and latitude can she support their procession, affecting relict British land scape This report you also accuse temporal change, the coso study of East Anglia will show the prevalence of them processor within the Anglian, and have the Landform, have had more time to be modified by humans and meathering, in comparison to the valce bistrict, which will show the polygiance nature of the burner rian. The Scottish Highland, viv show the effects of the most recent glacial advance, and this report will stempt to find which ones was affected the greatert.



This achieved full marks, having a clear focus, accurate definitions and a clear framework.



Justifying examples to be used will always ensure a better mark. You can justify your framework by a diagram or a table as well as prose.

## **Question 3**

## **Evaluate the importance of developing sustainable strategies to manage food security.**

**Pre release: Explore** the need for, and effectiveness of, different strategies that are designed to improve food security.

**Research** a range of food security strategies, including `sustainable ones', at differing scales and locations.

The key to this title was to establish criteria on sustainability and to then test any strategies by these. For the majority of candidates, sustainability was taken as a long-term, as opposed to a quick-fix, solution. Some also emphasised that strategies should not damage the environment. Occasional, very good candidates, looked at equity, especially changes in the role of women in society. Better candidates overall understood the more complex nature of sustainability and not only quoted the sustainability quadrant /3 legged stool or pillar model of Brundtland, or the Venn Diagram model suggested by Witherick, but went on to use these during the rest of the discussion, and returned to them in the conclusion.

Most had clear definitions of food security, better candidates referencing the FAO or similar organisation. Many used the theories of Malthus and Boserup, the better ones quoting 'neomalthusian' concepts, but although population policies are relevant they should not have dominated a discussion.

Both sustainable and unsustainable strategies were chosen by the majority. Better candidates used scale to select case studies: local-national-international. Very few used level of development. Most worked through a list of strategies weighing them up to varying degrees, but many used one reference, especially popular being a topical video, and became rather anecdotal. Another popular framework was by 'top-down', 'intermediate' and 'bottom- up' schemes. All approaches were valid and all produced some good scripts and some less successful ones, all depending on the quality of data used as evidence and the depth of the analysis.

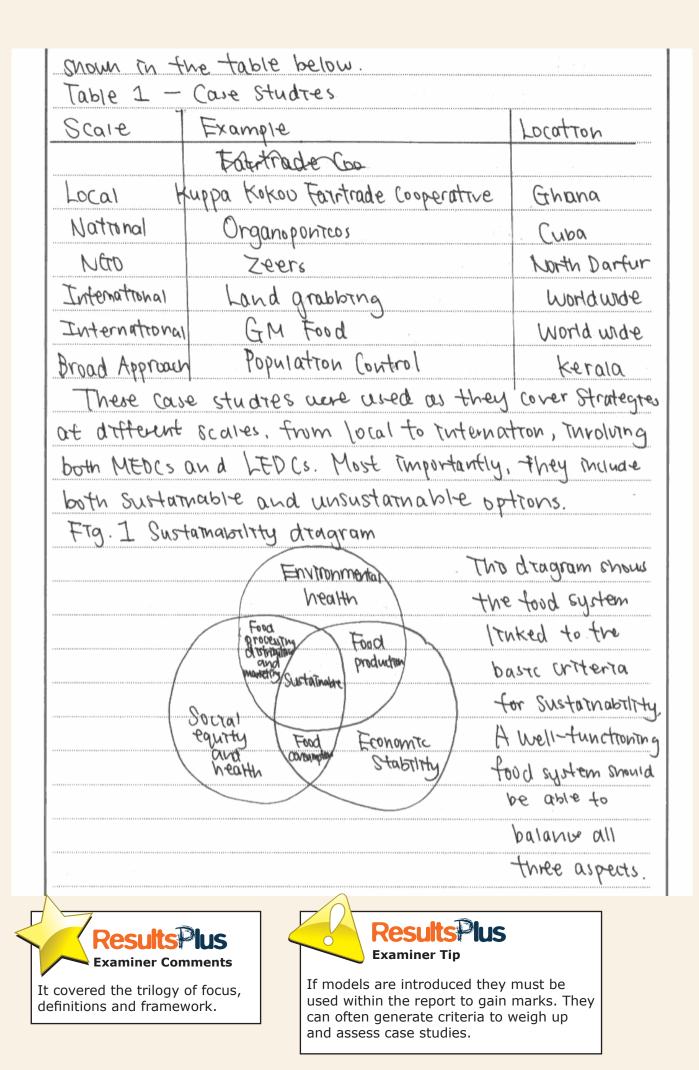
Case studies which worked well	Less understood case studies, or those less well related by candidates to food security
Cuba and organoponics	Great Green Wall of China
Old Green Revolution and newer one in Africa- AGRA	<ul> <li>GM – still often confused with Green Revolution</li> </ul>
Food Aid	• Fair Trade
• LEAF	Practical Action and zeers
• CAP	Land grabbing

Better candidates identified the strengths of sustainable strategies in their conclusions, but also talked about the importance of less sustainable strategies. This helped them access top band marks. For example, volume production from monocultures and the role of national politics in ensuring domestic food security, at the expense of food security elsewhere. This level of complexity escaped many candidates who just wanted to focus on the importance of sustainable strategies.

This is an example of an introduction which reached the top level of the D part of the generic mark scheme.

1. Introduction Food security exists when "all people at all time have Sufficient, Safe, foo nutritions food to a hearthy and active life." (The world Food Summit" 1996). And Sustamable Strategies are the tactics that meet the need of present openerations without comprosing the need of foot-future generations. Although it is argue that the Earth trave enough resurces to support a population of 10 - 12 billion, there are 850 million to people continually suffer from malnutrition due to Inequalities in distribution (Edexcel Ad Geography). As a result, there are contrasting views on the relationship between food security and pupulation numbers. Malthus beizend that a rise in population number will eventually lead to famine and even civil war world neo-malthustans believed that The it will lead to crisis of energy, water, land and food. For Esther Boserup, She berreved that Thorase in population will raise the demand for food but WII also act as an mientre to alter agrarian ternwlogy and to meet the the in demand. In this report, it will examine the need to

In this report, it will examine the need to develop sustainable strategies to manage food security. and to evaluate the successfor and itmitations of different strategies. Points will be backed up by a range of case studies. Case studies to be used is



Methodologies are critical in accessing the top band of the Research and Methodology section of the generic mark scheme.

2. Methodology
In this report, a vange of sources have been used
Including books, journals and subsities. Sources were
cross-referenced to remore bras and to improve retrability
of the research. Books such as the "Edexcelle A 2 Geography"
Dunn. et al, 2009 and the "Food and Famire", Sue Warn, 2010
were used. There sources are likely to be accurate and
unbrased strive they were written for educational purposes.
Academic Journals Greatiles and Greatactsheets where also used.
For example, Geofile no. 497" Food security Th Ethiopia",2005
and Geotact smeet no. 228" Still hungry, and getting worse?"
She Warn. These are again a reliable source of information
STRUE they have been peer-reviewed.
For online research, information were take from organisations
Such as the FAO (new fao.org) - Feeding the world in 2000, Itkey to be its sources are again objective since it is an authoritative
its sources are again objective since it is an authoritative
organisation. Articles were also anosen from Obertarc
the Guardian but their news must be used carefully since
It was a folttal bras towards to left wing.
3.1 Case study - Organoponicos
Organopontcos TS a system of sustainable urban farming
In cuba. It is publically functioning in terms of ownership
but heavily subirarised by the Cuban government.
During the the Cold War, the Cuban Economy relited heavily
on the support from the Buret Union, approximately 50% of
Cuba's food was imported. However, when the Usse collapsed



This one shows a wide range and excellent understanding of the vocabulary needed e.g. peer review, reliablity.



Prose tables or diagrams are acceptable so long as they explain how you discriminated in selecting resources.

## **Question 4**

#### Assess the extent to which cultures need to change in order to survive.

**Pre release: Explore** how far cultures need to change and adapt when threatened by a range of environmental, socio-economic and political pressures.

**Research** a range of human cultures showing different rates of change, degrees of cultural evolution and survival.

This proved a very accessible question that quickly differentiated the top and middle candidates due to the 'assess' command statement. Weaker candidates quite happily described/explained 4-6 cultures (all at the same scale) and assessed their survival, whilst better candidates looked at rates of change and scale of different cultures. The best candidates went beyond the simple idea that either all cultures change or that they don't, realising that change evolves at different rates depending on context. They clearly identified areas of culture at risk - traditions, language, landscape as opposed to just stating that 'culture was affected'.

Most candidates were able to define culture clearly, and there were a wide range of interesting and sourced definitions. Some also made good use of a simple spider diagram to summarise the various strands of culture. A variety of frameworks were used, the most popular being to structure the report by range of threats: environmental, socio-economic and political pressures. A more unusual approach was by viewpoint: hyperglobalists, transformationalists, sceptics etc.

A wide range of sources were used, from Geography Review articles on hip hop to My Big Fat Gyspy Wedding and Bruce Parry's Arctic. Some were solely reliant on the Geography A Level text books. Others used a really wide range of quality newspaper articles from the *Guardian*, *Times* and *Independent*. Many candidates had excellent methodologies showing a wide range of research sources. There was evidence of fieldwork carried out in a variety of locations, particularly in London.

Those who examined a number of case studies in detail and supplemented these with references to less detailed place studies were able to show the range of their research. An overview of the range of locations seen:

- endangered communities under environmental stress: Inuit, Gwich'in, Bushmen
- endangered communities under socio-economic threats e.g. Aborigines, Yanomani
- endangered national cultures: France, Japan contrasted with more vulnerable Tibet
- endangered regional cultures: Wales, Basque country
- more resilient cultures from the USA and globalisation and imperialism to the Amish
- more unusual examples included gentrification threatening local cultures and hip hop, Barbie dolls in Iran as a threat to culture and a way of changing to support culture, various American Indian tribes.

A good number of candidates showed a really good understanding of the issues affecting cultures, and the dynamic nature of most cultures, and the ideas of cultures slowly evolving over time, or being forced to change rapidly due to external pressures, whether they were political or environmental. Good understanding was shown about cultural globalisation and cultural imperialism. Generally reports made excellent use of the specialist vocabulary, and there were many examples of effective ongoing referencing. Many reports also had good ongoing evaluations.

The weaker responses centred their arguments/ideas on how cultures have **adapted** or how people have **adopted** different cultures. The problem with this analysis is that it ignores the survival point in the title of the question. Better responses however, used case studies to explain how cultures have changed and survived as a result of these changes. The emphasis here is on how the changes preserved the culture rather than simply how the culture changed.

This is an example of an introduction which was awarded full marks.

1. Introduction UNESCO States that The world has some 6000 communities and as many distinct Sich difference vally leads to drest OVI and preachso" " Prod CXDRSSum values, brevel Valentine. haad Geography Unwest. cupre as actuares which Cultuate. human cnd Condi a Onone highlight the Conponent architech whomost dothir Material hersout Arts liferative INE amih Sieres traduhor + Cultre 00011 Relies nonhans 1. lastyle hrerady 1919101 education longuas writter Spoken al histor

This report will address how earthes adapt the extent to which anthres read to adapt and change than presented by a runder press res There are a multitude of CL 1 Anger Prost nos communism, debrestation from Mcdonaldization of which this post MIL grap into Section: environmental three Sono economie prositions fresh res Steph as these end political induce both positive and reactive 000 changes from certified arountion the process whereby derelops gradually and poschely, dikution and assimilation authral change also have a renge of sealer from long to short tem, minimal to significant and great use to Suddon This reports maintooly with be highlights have haw cultural threats con tall life more than one offer Category. Uhilst recognised thir, the mainter this noosit host be separated into three sections, onuramenter MIL Docio-economic and polytral threats environmental Saus economic echnolog/cal Etheopian , Charle migration marcht dependation 10mos Rellahin pericahan Goat frewall of **Examiner Comments** China An interesting use of a diagram to justify the case studies to be used. Political Phis **Examiner Tip** Ensure you cover the trilogy of focus, accurate definitions and justified framework for top marks.

Sub-conclusions and final conclusions are often a difficult skill to master. This extract shows the difference between the two.

Sampeny set S.3. Summery of Section Fire Political pressures are very rareiñ an age of global politics as unothical be conduct is not tolleraded by the world to minity thousand, terrorson has dampered on day to day life Whill potentailly effecting the way in Whith about one constructed in the titre. Hauser 69% of Nothern Americans Say they are more patriotic after to que which Egyets their culture is stronger as a robust. America has charged a huge amont is companyin in order for their shouke culture to struke whereas the Chinas have not. The Charlese garmont has replaced their opportunity to change and therefore their need to change is very minimal. That this years ago, only S: of the Chinase population was anone the censorship, highlighting the astart to which china it restricted when ther althout endething Havener, their cultural Samuel is not ander thread by the outspice world, yet it could argued that their threat it in feel there gavermant. 6. Conclusion The exection of the speed to cho The extent to which centres need to change in order & Scrive it dependent on a number of fetos. The kin need to obonge it a voy dynamic. The type of pressure, categorizadints

enumental, souis -economic and political in this report, has a huge bearing on a certhrest read to dange the in asa of denine. Roumanmenter pressures are often the graden pressure to cultures as change it very differt in a hostile and unfamiliar environment. This being said, enmonmental pressures also require the groutest change as a culture ouronment plays a hige perton their cultural identity, heretage and lifestyle conversely, Seis economie Ancos for present a loss servere threat as they can often be open to management, as seen by the Bhitmese and must Rolutical threats havener may be nere yet present a Substanted flood The read to alonge between of the Chiese one Americans it very Similiar yet the threat it very different, indemand internet and external respectively. The saves of change, as referents in Scotion I, con be very diverse The -immediate cultral change of the must is very different to the grade aposition to the defense Also, the muit case shay is an example of the enchral evolution as their change it disents nation and positive. in reference to global warming. However the rest of the case shake in this ropot are classed as cultural adaptation as they are induced by bragely, himon conflict, Sichas terrorism and depositation. It is parament importance that cultic

continue to obe adapt or endue at flatento ferer the likely hood of possilied on metion Sich as the



This report was awarded almost full marks for its conclusions because useful summaries were made of each conceptual section and then a final conclusion grouping ideas and returning to most of the key ideas and case studies was produced.



Do not introduce new information in a conclusion.

### **Question 5**

## Health risks from pollution have changed location and increased over time. Discuss.

**Pre release: Explore** the relative health risks from incidental and sustained pollution, and how and why these vary both spatially and over time.

**Research** locations at varying scales and levels of development, experiencing health risks, both past and present, from different types of pollution.

Most candidates managed a framework and key term definitions on pollution in their introductory section, however, definitions were often not fully referenced and some were poor in terms of accuracy. Better candidates gave a justification for the case studies to be used and offered the Kuznet curve/epidemiological model/Health Risk Equation/externality field as a frame. Only better candidates went on to really use these in the rest of the report.

Many candidates struggled to grasp the complexity of addressing both the 'changing location' and 'increased over time', many opting to just address 'increased over time' at the expense of 'changing location'. Those that did well linked 'changing location' to development, and how incidental pollution can actually spread over a vast area, be transboundary and cause a wide range of health issues.

Common structures included different levels of development, both past and present incidents and different types of pollution: incidental and sustained. Many candidates wanted to simply describe how and why health risks and pollution vary, but many found their case studies were inadequate. Popular case studies were London's air quality from the 1950s to present day, global warming and related risks, then incidental examples of Bhopal, Chernobyl, Harbin, Fukushima, Camelford. However, many had no real idea of the actual health risk involved, or that there is a difference between morbidity and mortality. Some tried to use the BP Gulf oil spill as an example of an incident managed to varying success without acknowledging there was very minimal human health risk involved.

The global shift in pollution as manufacturing has shifted to transition economies was a theme developed by the majority of candidates, however apart from Bhopal and 'cancer villages' in China, few had real evidence of this. Chernobyl was poorly researched and the ex USSR often described as a developing country. There was little understanding of the role of the EU in cleaning up this incident, or that more sustained pollution resulted from radiation sickness. They researched individually researched case studies, often from the Blacksmith Institute, such as Linfen, and the Ivory Coast toxic waste scandal. Others included interesting research on air pollution in the Czech republic and the Canadian Tar Sand Athabasca river pollution issue.

There is still a worrying confusion about the differences and links between global warming and ozone depletion with resultant health risks- a good source might be the BMJ and Lancet which have recent reports on this. Some discussed Kenya and Italy having increased malaria risks but most were more vague and confused polluted water with malaria spread. Many talked about the 'big hole over Australia' saying that 'until something is done about CFCs – the problem will continue to get worse' demonstrating a lack of knowledge on the Montreal Protocol. This could have been used more effectively as a health risk reducing in time because of management. The response below is a good example of ongoing referencing right from the introduction and two well chosen models followed by a detailed methodology. The Definition section got 9/10 because it was a little list-like rather than a complete focus on this specific title.

1- Introduction - According to the NGO Blacksmith 1.1 Focus Institutes report in 2009, pountion affects over a billion regle globally, with mittions each year being poisoned a killed by it. The health who from pollution the vary and are complex as mey depend on the interaction of many factors. The main factor that causes health roles to differ with location and over time is offen development as it highlights me countries to vulnerability and on capagity to cope with the health new from pollution. 1.2 Definition & Pollution - A substance mat enters fhe environment hat adversely affect the use fulnes of a recource (Hill 2007 - Understanding environmental There are 2 main types: - Open an accidental release of -> Incidental toxic substances - Surtained - Pollution taking place over a long home penial Health - me state of complete social physical and well being, not morely the obsence of disease or mental unfurnity (WHO The degree of liketilooid that a substance Health non will damage ones Kealth Development - The process by which the social political

and particularly economic structures of a community are improved to benefit the well-being of the population (I Figher - A world regional approach to Geography and Bevelopment HDI - A human development intrator which takes it Account 3 Munge: > Adult literacy vale Slife expectancy SCNP per capita A fignin clover to I represents a high level of development. 1.3 Model figure 1: Environmental negradation: Ewinet Curre B A monut CINP per capita Repuse 2: Environmental Righ Wangton model community Pollution increasing wealth

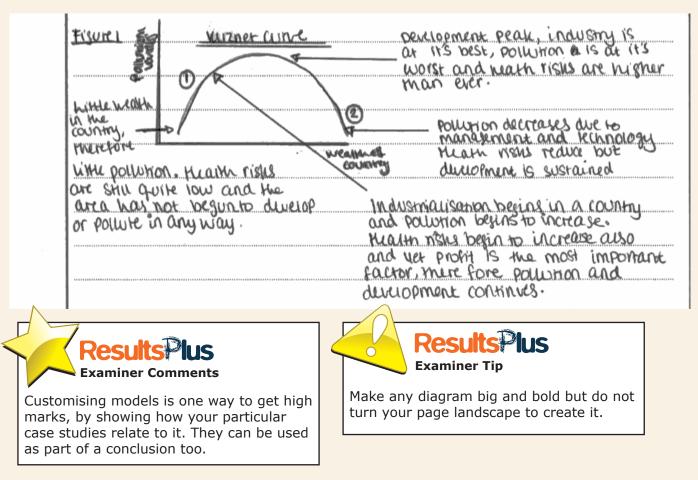
The health now from both types of pollution (incidental and surrained) are complex and vary due to minerous factors. To assers whether health whis have changed location ' over time I will we case mulies from different peoprophical locations and at different levels of development. To uluprate health now 'over time' I will refer to how a country' develops' over as time so manefore where possible, throughout my report I will use HDI fignires alongside my examples to show noir level of development. In addition to this, to askeds whether nous have increased I will examine how me health nELS vary spatially - stortes whether the health not affect people at a tocal or global scale. I have chosen a wide range of case studier and 2 appropriate models to use alongside my ideas to support the conclusion I make about whether health whit have changed location and increased over time

2 - Mathadology.

I have chosen a wide range of rources to avoid bias and reach a balance to obtain the more reliable information I used the UN metricle for all my HOI data fracting of (bdr. unde. org/en/matrice) and many ofatifier about health nows from the word Houth Organization (uHO). These websites provided me with well founded, up to date unformation and provent neliable data as they are governed by non bias againstations. Newspapers and alline news websites (BBC news com, CNN com) provided me with some data, mainly in modental pollution enerts as these

attract more modia coverage. However, some data had to be a vertionned as long term effects e-q deaths were not more information on obtain Blogging websiles You were use produ envin aran ar NELADER Unda 12 510 useh topica containod Arcular field. were Folcialifeo **Examiner Tip Examiner Comments** You do not have to actually state the words: focus, A clear use of revised material for framework, definitions, but if it helps to remind this pre release topic is shown, and a you about the needs of the generic mark scheme methodology specific to the topic too. then do so. You should make the introduction and

An example of a well annotated relevant model.



methodology sections clear however.

## **Question 6**

## Assess the extent to which players have contrasting attitudes about the use of rural areas for leisure and tourism.

**Pre release: Explore** the range of people and organisations involved with leisure and tourism in rural areas, and the reasons for the differing values and attitudes they may hold.

**Research** a range of rural areas used for leisure and tourism to demonstrate the contrasting views and opinions of players involved.

Weaker students found it hard to get to grips with the concept of different players holding possibly conflicting views. Some did not get beyond description and simplistic opinions and plodded through their case studies showing the range of views in each. Some candidates drifted to general management issues in their chosen areas rather than on the players, and ended up discussing other activities like mining rather than leisure and tourism. They often showed generalised simplistic statement, such as governments are all assumed to support only more exploitation. A significant number of students opted to write about all they knew on conflict or management and then try to adapt this to the question of attitudes at the end.

Some became very anecdotal in their coverage because of video sources concentrating on specific characters rather than groups.

Better candidates went on from such stimulus videos and researched into them more to show a wider knowledge base and context. They were able to pick out subtleties between different opinions and found examples where players actually have similar attitudes. They demonstrated that some groups of players may have different attitudes within, i.e. locals may have different viewpoints and so may tourists, local government officials etc. They often used a structure based on differing groups of stakeholders and their power or level of influence rather than by location.

Some were able to see how views and values would change through time.

There was a good use of models generally, especially Doxey, pleasure periphery, carrying capacity and Butler, although few thought of using a conflict matrix, or differentiated clearly between leisure and tourism, although local fieldwork gave good examples for the former.

Fieldwork was often used but rarely developed fully, and often just mentioned that 'we visited' the Giant's Causeway, the Lake District, Loch Lomond etc without any localised information. Better were those who conducted questionnaires and interviewed stakeholders in, for example, Cheddar and Ditchling County Park and could quote some specific evidence.

Useful case studies chosen showing a range of leisure and tourist sites	Weaker or irrelevant case studies
Antarctica, Macchu Picchu, Glastonbury festival, specific rural areas in Majorca and Morocco such as Imlil, and Donald Trump's golf course in Scotland. Newer ones this series included Svalbard, Glastonbury festival site (using rebranding from Unit 2) and ski resorts in the Alps.	Benidorm, Great Barrier Reef, Dubai city.

A typical plan.

Introduction - define nural areas, players spectrum of perspectives List locations Research Methods - Methods used le Business, local gove + Community - contrasts between users eg locals vs busines International locations - management attitudas to users EPC and conservationist MEDC 115 Conclusion make a judgement on extent. tsPlus **Examiner Tip Examiner Comments** In conclusion add the word complexity -A useful plan picks apart the title then gives what might you include to show this? In a suggestion as to the format of the following this example a comment - not all players discussion. This one shows structure and differ -would have helped the final sequencing, and jots down which case studies product reach full marks. are useful without all the facts and statistics needed later - a sensible use of 5 mins or so

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planning at the start of the exam.

Primary work is often used in this option, as in Options 2 and 4. However, it must be obvious what has been surveyed in the field rather than vague references to 'I went to.... and saw....'.

Local Government, Community and Businesses views on the Brighton Rural whan Fr Towaleisure and tanism in the Ut really sared after the end of WW2. The pre to peoples increase in disposable income and correre The meant that more and more people were taking holidays and using the niral avea ter recreation purposes. Furthermore increased geographical mobility furdage Car amership meanst that people were m seance of terrists destinations home and abroad. This is termed the expanding leisure periphery (edexce / text book 20 Essentially this describer the movement antwards in a search of new terrist destination The expanding leisure perphery has been a ranse cause of increased planers involved in rural leisure areas.

At the Brighten nural whan tringe the different avernmental organisations try to quediate hetween the contrasts that different wer have. Fer example are Ditchling Common Centry Rash doeg walkers often conflict with bird watchers, consequently the East Sussex Canty cancel and Seath Penns National Darks Anthonity have tried to seperate their activites by having dygenent Walking trails fer each. (Primary observations from field work and Research in the area).

Furthermore it is the new of both these organizeday areas should for and include Meet nival as many different user groups as possible. This level perturney St by the Was Beneel had Octching Common Country that meet chair users and being femilies would be able to enjoy the avea the mary fieldway Primary fieldwork lite of Scale data anaccossibility) the other hand the att rent pleusers in Ditchling nllage slightly different. The local business the area feel that the area should used for leisure and termism , they of why he parish camal fer more free ing spaces & so to eneminag mene mereas much Of PEISUNE munity see that as an annorance and Mpn pir livesophes bener ment show (dn E he nth served from primary fielden



It is obvious that this candidate is focused and very knowledgeable about this case study and this helped achieve 12/15 for research and 17/20 for application.



When using fieldwork, state very briefly the source of the information, e.g. a questionnaire, and a basic result or two, a sketch map of...., an interview with.....

## **Paper Summary**

In order to improve performance centres and candidates should think about the following:

- using the pre release in detail to create different questions that the candidates can
  practice to ensure flexibility in the real examination, so reducing formulaic responses
- practice grouping case studies in conceptual framworks e.g. not just economic but in, for example, scale
- remember that case study accuracy is essential so regular testing of content and spellings is recommended
- a major weakness is conclusions so practice in grouping ideas and case studies under timed conditions would help the final product
- the product is a report so it should show obvious headings, possibly mini questions, a distinct methodology, sub-conclusions as well as a main final conclusion and ongoing referencing, not a vague end biography.

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