



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

Considered the two elements to this question, i.e. the time element and them becoming more disastrous.

- Most gave definitions for tectonic hazard and / or disaster.
- Included references for their definitions.
- Defined impact then sub-divided into social, economic and environmental impacts.
- Used relevant models, incorporated into answers and customised including Degg's model, Parks model and hazard profiles.
- Differentiated primary, secondary and tertiary aspects of the disaster.
- Went beyond the simplistic view that developed countries suffer economic impacts and developing nations are hit by social impacts (Japan 2011 being a good example of this).
- Chose tectonically affected areas with data collected over time.

Less successful aspects and weaker answers

- Only addressed the first part of the question properly `The number of hazards is increasing' and concentrated only on these factors.
- Did not consider 'Time' and use trend data.
- Some were unclear on the difference between hazard and disaster and reverted to sub GCSE case studies in terms of explanations.
- 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 question.
- Chose a framework which had only a simple LEDC/MEDC approach.
- Some drifted into recovery and response.
- Only mentioned and did not really use models.
- 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.
- Used inappropriate case studies, e.g.
 Kobe even with a high death toll was a good example of management.

The most common examples were:

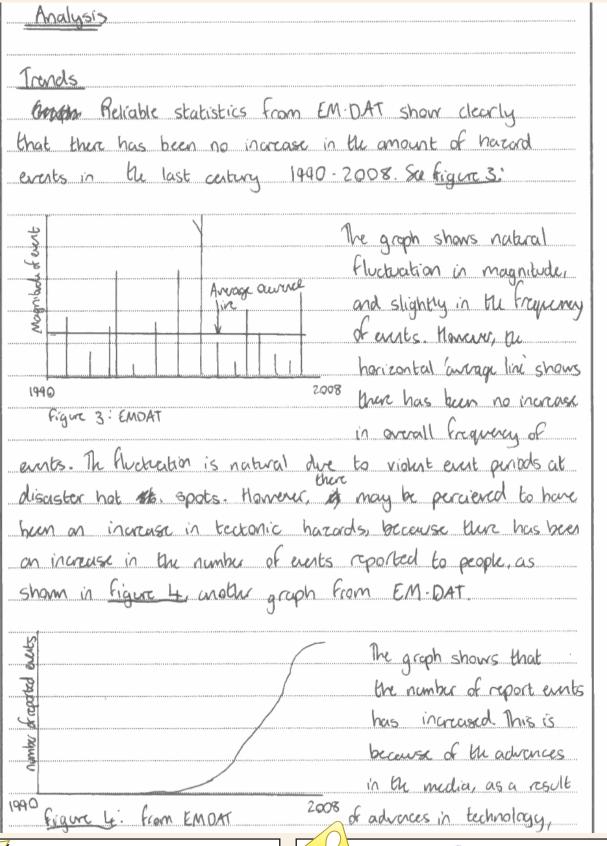
- Earthquakes: Kobe and the 2011 earthquake and tsunami in Japan; Loma Prieta, Northridge and San Francisco earthquakes in California, Sichuan, Christchurch 2011 and Haiti 2010
- Volcanoes: Mount St Helens, Mount Pinatubo, Montserrat
- Tsunamis: 2004 Indian Ocean and 2011
- More unusual examples that 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.



Results lus Examiner Comments

This shows an obvious amount of targeted research on the pre release and the graphs do not need to be sophisticated to gain marks.

Results lus Examiner Tip

Always label axes and make the writing big enough to see easily. In this topic the difference between tectonic and other causes of disaster should have been shown (since the specification does not include hydro-meteorological).

Main conclusion
In conclusion, it can be seen that the
Mimbar ab Jectoria hazarda am not
number of tectoric hazards are not there is a
Strong singument that the impacts of
beclaris hasanda am loccorrios mem hasar
tectoric hazando are becoming more hazar
disastrous cas seen in the example of
Tapanene (Sunami) but alos a strong argument
Japanese touranu) but alos a strong argument
they are not which can box seen in the case study of the Chilean earthquate. The Report has found that just as a It can be
case study of the Chilean earthqualie. The
report has round that just as a It can be
concluded depending on which sources
and examples are used that the impacts are or
lare not becommo more or loss disantique. In
the environ of this report the impacts depend on
whome you are and thompsone to some such
the opinion of this report the impacts depend on where you are and therefore to some such as those wing in that where when
capulation growth and a law +101 op 0. 454
copulation growth and a law +101 of 0 1454
summany a reputable and fairly analysed
disastrous as the per population becomes
more vulnimable and the capacity to cope
docreases. However, for other populations'
such as Chile where the HDT is

impacts



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.

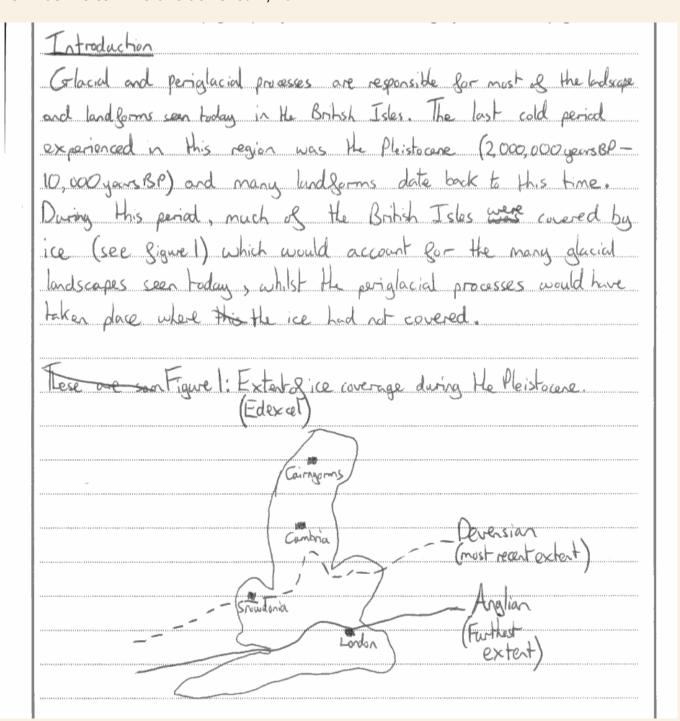
Periglacial landscapes proved more of a challenge generally to candidates in terms of process and outcome, but, again, those who identified a few landforms in one area did well rather than the 'Cook's Tour of the UK' approach, trying to get in as many landforms as possible. Most candidates used glacial 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.



Those are some key terms that will be used in my report:		
· Abrasion - the wearing down of rock surfaces by restring and impact		
2 debris-richice. (Bishop+ Prosser)		
· Plucking - the mechanism by which glaciers detach and remove chunks		
of rocks from their bods by freezing around Hen and		
plucking Hen from the surface		
· Freeze-How - a garm of chemical weathering where water enters cracks in		
a rock and greezes, causing I to expand. The haild in		
pressure causes the rock to sendowe		
· Periglacial - non-glacial cold climate processes and londforms regardless of		
proximity to glacial ice.		
· Crelighation - the mass novement of noterial of a gover surface.		
(All definitions adapted from Anderson unless otherwise dested)		
Francisco		
I will layout my report by the following table (see table 1), starting		
by each system and Hen explaining the landforms and locations		
within they systems		
Table 1:		
System Landforms Locations		
Glacial U-shoped valley, Corrie Nortformion Labors		
Depositional Drawlin Valed Eder Cumbria N. Ended		
Perialogial Patterned ground For Camporns National Park Scotland		



This is a reasonable portrayal but could have been customised more to show the locations of key landscapes to be analysed and also which areas were dominated by periglaciation.



To get full marks, more focus on the critical key word in the title of landscape was needed.

Indea duction 1.1 FOCUS. When attempting to accortain the effects of glaciation and periglaciation upon the nelict British landscape, the applical nature of the numerous ice agree it experienced during the Pleitocone - the precedent to our current inter stadial, the Holocens - hous added to the complexity of the quarties, and the landforms produced have either been ne shaped or detroyed by those subrequest to it The Anglian glaciation, occurring 478-424,000 years ago (Anderson) marked the Righest revolt of ice seen within the UK, unposing glacial processes or what would have been penglacial areas, such as within East Anglia. The Duensian glaciation, royro 70-10,000 years ago Cumu physical good org) marks the last expanse of glacial ice within the ice, and a guasty less having the greatest upact upa its lands care. 12 Define A glacial area is one which contains glaciers or ice caps (integrated geography) and differ from a prerighacial rensistant. Perighaciation occurs in areas experencing cold temperatures of belians 0°C tropourage recurrence sources of the rose to power

(greatine 21 - pringlacial processor). They upact upon landscaper - an onea displaying similar geomorphological characteristics differently - yet their processor interact to reaggrerate we the reflect of reach.

1.3 Francework

In order to across the extent of the range of processor produced, I will be subdividing my report who upland and lowland categorier. In respect of glaciation, this will allow the effects of evorion and deposition to be veried represently, to across the centent to which they contribute to the formation of micro/nero/macro landforms. This framework will also allow the affect a penglaciation to be arranged on a none current Scale, or areas of high altitude and latitude can still support their processor, affecting reliet British land scape This report you also across temporal change, the cose study of East Angha will show the prevalence of their processor within the Anglian, and has the landform, have had more time to be modified by humans and weathering, in comparison to the lake birtrict, which will show the polygians nature of the busin rian. The Scottish Highlands will show the wheels of the most recent glocial advance, and this nepot will trology all betsette you send which or bright by

Results lus Examiner Comments

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	GM – still often confused with Green Revolution
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 nearthy and active life." (The world Food Summit 1996). And Sustamable Strategies are the tactics that meet the need of present generations without comprosing the need of foot-future generations. Although It is argue that the Earth trave enough resources to support a population of 10 - 12 billion, there are 850 million capeople continually suffer from malnutrition due to Thequalities in distribution (Edexcel Ad Creography). As a result, there are contrasting views on the relationship between food security and population number. Maithus beizend that a rise in population number will eventually lead to famine and even cruzi war worlst neo-malthustans believed that To it will lead to crisis of energy, water, land and food. For Ether Boserup, The believed that Thurase in population will rathe the demand for food but WII also act as an inventive to alter agraman tennology and to meet the true in demand. In this report, it will examine the need to develop Exstatuable Strategies to manage food security. and to evaluate the successfor and Imitations of different strategies. Points will be be backed up by a range of case Studies. Case Hudres to be used is

snow in the	ne table below.	
	Case Studies	: '
Scale	Example	Location
	Fatertrade Coo	
Local K	uppa Kokov Farrtrade Coo	perative Ghana
Natronal	Organoponicos	. Cuba
NETO	Zeers	North Darfur
International	Land grabbing	worldwide
International		World unde
Broad Approach	Population Control	kerala
	e studies were used	
	Ecales, from local to	
	and LEDCs. Most im	
	nable and unsustamn	
	ramability diagram	
	Environmental	The dragram shows
	NeaHh /	the food Eysten
	Food procently Food	I Truked to tre
/	distribution production mangeting Sustainable	basic criteria
		for Sustainability
	Socral Food Economit	1 N v v de a
	Weath Consumption Stabili	
		pe apre to
		balanu all
,		three aspects.



It covered the trilogy of focus, definitions and framework.



If models are introduced they must be used within the report to gain marks. They can often generate criteria to weigh up and assess case studies.

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 range of sources have been used including books, journals and whites. Sources were Choss-referenced to remove bras and to improve retrability of the research. Books such as the "Edexcell A & Geography" Dunn et al , 2009 and the "Food and Famine", Sue Warn, 2010 were used. There somees are likely to be accurate and unbiased struce trey were written for oducational puposes. Academic Journals Geofiles and Geofactsheets were also used. For example, Geoffie no. 497" Food security in Ethropia", 2005 and Geotact sneet no. 228" Stril hungry, and getting worse?" Sue warn. There are again a reliable source of information STIME they have been peer-reviewed. For online research, information were take from organizations such as the FAO (www.fao.org) - Feeding the world in 2000,
It key to be
its sources are again objective since it is an authoritative organisation. Articles were also anosen from Obertore the Guardian but their news must be used carefully since It was a folitical bras towards to left wing. 3.1 Case study - Organoponicos Organoporticos Ts a system of sustainable urban farming In cuba. It is publically functioning in terms of Dworning but heavily subirgised by the Cuban government. During the \$ (old war, the Cuban Economy relied Newvily on the support from the Buret Unton, approximately 50% of Cuba's food was imported Honeror wan 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.

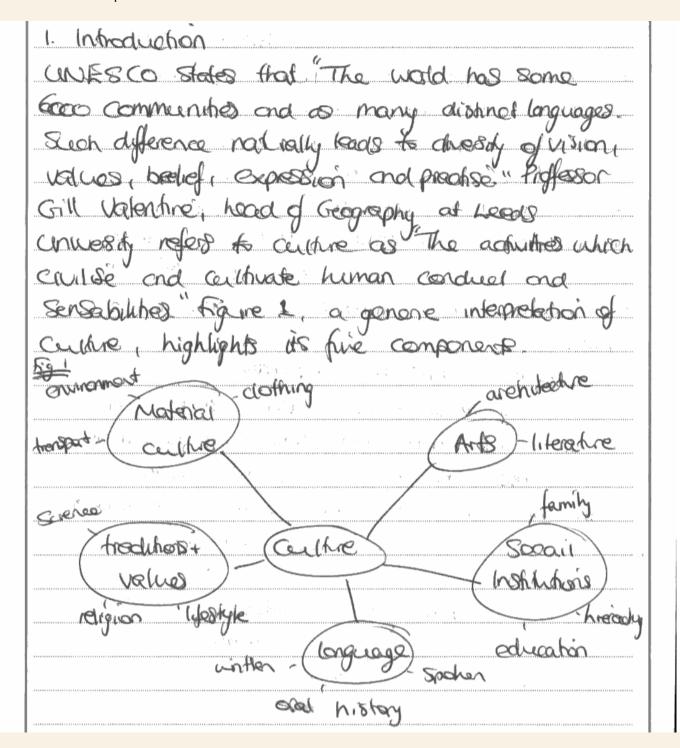
Those who examined a number of case studies in detail and supplemented these with references to less detailed place studies were able to show the range of their research. An overview of the range of locations seen:

- 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.



This report will address mon contres adapt the extent to which cultives read to and change when presented by pressures There are a multiple of Communism, depostation Mcdonaldization of which this most School: Enumental, Sono economie prosting fresh per Shoot as these induce both positive and regative from certifical exolution the process whereby develops gradually and positively, dikution and assimilation author change also have a renge of scale from long to short term, minimal to Significant and great all to This reports main tody highlights how Cultival threats con tall into more than one category. Whilst recognised thir, the mainter be separated into three sections, enurorments Socio-economic and polytogy threats environmantal Sacro Ceananic echnological Etheopian Williama descentation 16mos Reduben pertahan Gost frewall of **Examiner Comments** China An interesting use of a diagram to justify the case studies to be used. Political **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.

Sumbony of S.3 Summery of Section Fire Political prossures are very rarein an age of global polytics as unethical be conduct is not folleredeal by the world commity thousan, terrors has dampered on day to day life while potostacily effecting the way in which after ore constructed in the type. Have 69% of Northern Americans Day they are more perturbe after to Yu which siggests their culture is stronger 28 a robut. Amenta hat changed a huge amont is comparison in order for their shouse cultie to strive whereas the Chinas Race not. The Chanese government has replacted their Opportunity to change and therefore their need to Change is very minimal. That this year ago, only So of the Chinale population has aware the censoration, highlighting the astern to which china it restricted withe in their culture exchange Havener their cellial Source is not ander theat by the outside world, yet it cand to argued that their threat it in feet their governant. 6. Concludion The extent to come on these need to the The extent to which courties need to change in order & Drive it dependent or a number of fetos. The km need to change it a vay dynamie. The types of pressure, categorizations

en unamental, socio-economic and politicalia this report, has a huge bearing on a cuthrest read to dong for in oraci to drive knumonnesters pressures are often the greater pressure to culties as change it very differt in a hostile and confamiliar enurament. This being said, enumental pressures also require the groutest change as a culties oursonment plays a high pertain their cultinal identity, horstage and lifestyle Convedely, Soció economie Amonts for present a loss severe throat as they can often be open to management, as seen by the Bhitonese and must Rollical threats havener may be never yet present a Substantal flood The read to olonge bornon of the Chiese one Americans it very Similar yet the threat it very different, indemnal internal and external respectively. The saves of change, as referred to in Section I can be very directe The immediate cultival change of the hunt is very different to the grade aposition texts of the Resan Also, the muit case shay is an example of the cultral evolution as their change it discute nation and positive in reference to global warming. However the rest of the case shall in this ropot are classed as cultival adaptation as they are induced by bright, human conflict, Suchas terrorism and algoritation. It is of paramount importance that cultive

continue to observation adopt or each of Hoberto don't, feer the likely hood of fossilisely and extresion such out the Bran



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.

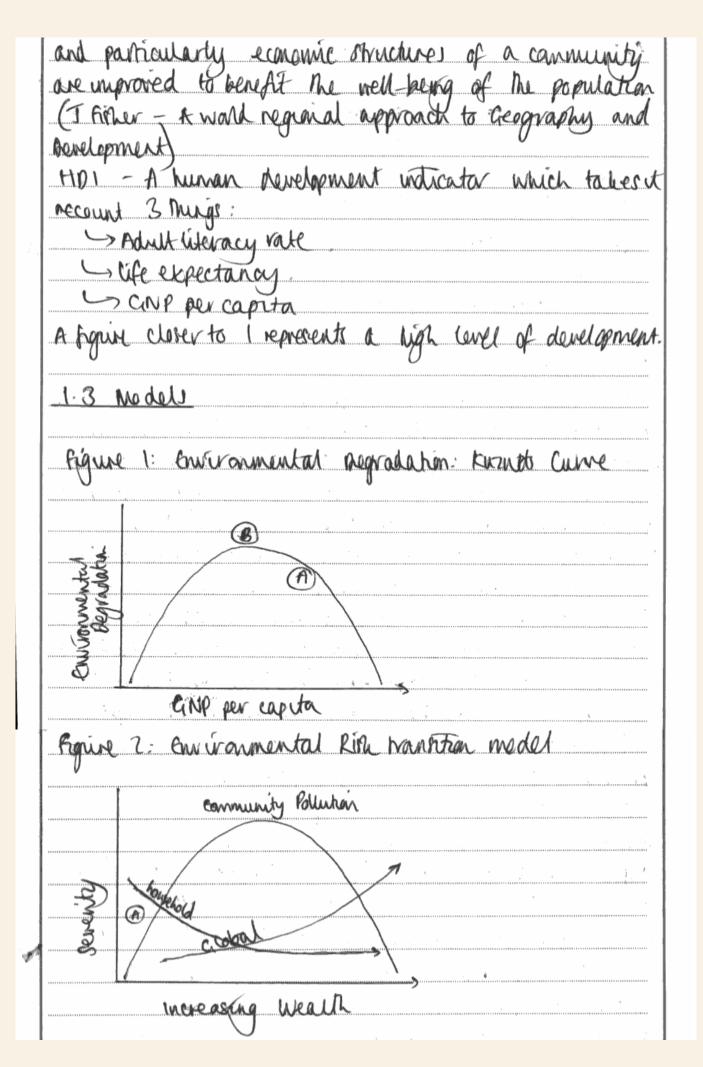
Common structures included different levels of development, both past and present incidents and different types of pollution: incidental and sustained. Many candidates wanted to simply describe how and why health risks and pollution vary, but many found their case studies were inadequate. Popular case 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.

I - Introduction I Focus - According to the NCO Blacksmith Institutes report in 2009 poulution affects over a bellion regle globally with multions each year being poisoned as killed by it. The health notes from pollution the vary and are complex as they depend on the interaction of many factors. The main factor that causes health notes to differ with location and over time is often development as it highlights me countries to vulne abitury and our capacity to cope with the health notes from pollution.
1.2 Definition : Pollution - A substance mat enters the environment
hat adversely affects the use Fulness of a resource
(Hill 2007 - Understanding environmental pollution) There are 2 main types:
- Incidental - open an accidental release of
toxic substances
period - Pollution taking prace over a larg time
Health - The state of complete social, physical and
mental well being not morely the obsence of direaré or
Heaven non - The degree of whethough that a substance
will donnage oues Kealth.
Development - The process by which me social, political



14 Framework The health now from both types of pollution (uncidental and sustained) are complex and vary due to numerous factors. To assers whether health whis have changed location' over time I will we case mudics from different geographical locations and at different levels of development. To Murrate health now 'over time' I will refer to how a country develops' over time so harefore where possible, throughout my report I will use HDI figures alongside my examples to show noir level of development. In adaption to this, to aspess whether notes have increased I will examine how me health now vary spatially - whether he walk now affect people at a Gocal or global scale. I have chosen a wide range of case studier and 2 appropriate models to use alongride my ideas to suppose the conclusion I make about whether health who have changed location and increased over time

I have chosen a wide range of sources to avoid brass and reach a balance to obtain the most reliable information I used the UN meltitle for all my HOI data for all many statistics about health offen transfer and many statistics about health offen from the world Harlih Organisation (WHO). There we brites provided me with well founded, up to date unformation and support reliable data as they are governed by non bias againstations. Newspapers and online news websites (BBC news com, CNN com) provided me with some data, mainly a wadertal pollution events as here

Attract more nodia conerage However, some data had to be questioned as long term effects e-g deaths were not known to obtain more information on surrained pollution, videos from Biograng websites and Youtube were useful, however many were produced for environmental aganisation. Buch as Greenpeace and so figures were often exaggerated to built heir bows motives. Journals such as new secretary and Geofiles contained useful, topical vigomation or the authors were specialised in that patients field.

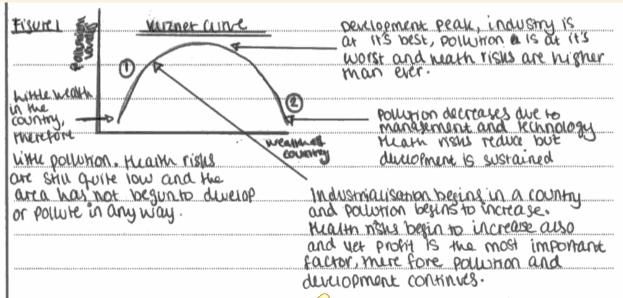
ResultsPlus

A clear use of revised material for this pre release topic is shown, and a methodology specific to the topic too.



You do not have to actually state the words: focus, framework, definitions, but if it helps to remind you about the needs of the generic mark scheme then do so. You should make the introduction and methodology sections clear however.

An example of a well annotated relevant model.





Customising models is one way to get high marks, by showing how your particular case studies relate to it. They can be used as part of a conclusion too.



Make any diagram big and bold but do not turn your page landscape to create it.

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.

Introduction- define rural areas, players
- spectrum of perspectives - List locations
- List locations
Research Methods - Methods used
& Business, local gov+ Community - contrasts
between users eg
locals vs business
International locations - management
athitudes to users
MEDC US LEPC and conservationist
Conclusion make a indopement on extent.

Examiner Comments

A useful plan picks apart the title then gives a suggestion as to the format of the following discussion. This one shows structure and sequencing, and jots down which case studies are useful without all the facts and statistics needed later - a sensible use of 5 mins or so planning at the start of the exam.



In conclusion add the word complexity what might you include to show this? In this example a comment - not all players differ -would have helped the final product reach full marks.

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 Brighten Rwal wban Fringe-

Transleisure and tamism in the Ut really Source after the end of WWZ & Due to peoples increase in disposable income and corrors meant that more and more people were taking holidays and using the rural areas for recreation purposes. Furthermore increased geographical mobility turous h car amering meant that people were in Slanh of terrists destination home and abroad. This is termed the expanding leisure periphery (edesce 1 text book 20) Essentially this describer the movement Outnavely in a search of new townist destributions The expanding leisure perphery has kee a rause cause of increased players involved in rural leisure areas.

At the Brighten rural whan Fringe to different
governmental organisation fring to accordate
he tween the contrasts that different wer
have Fer example are at Ditensing Common
Country Part clog wolkers often conflict
with bird waterers, consequently the East
Sussex County council and South Downs
Notional Parts Andwarty have fried to

Seperate their activites by having different walking trails fer each. (Primary observations from field work and Research in the area).

Furthermore it is the view of both those organisation areas should for and include as many different user groups as possible. This level perturely St Octobiling Common Country that weel chair users and lowing fermities would be able to enjoy the area througheldwo Primary fieldwork lite of Scale data an accossibility) the other hand the att rent player in liteling nelace slightly different. The local business the area feel that the area should used fer leisure and terms in they of why the panon council fer more free ing spaces of so to eneminag Mereas much Risure munity see as an annoyance are ioir livesonhes believe theix show (dn & served from primary field n

Results lus Examiner Comments

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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