

Examiners' Report June 2019

IGCSE Geography 4GE1 02



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Introduction

This has been the first sitting of the revised Pearson / Edexcel International GCSE in Geography. The old and new specifications have the similar demand in terms of content and assessment expectations, although the assessment is now more closely aligned with the home-based GCSE Geography. It is worth reminding at this stage of the fact that the revised International GCSE has:

- Moved to the new grading system of 9-1
- Uses standardised command language and instructions for all questions
- Has AOs that are fixed for the lifetime of the specification.

In addition, best practice would suggest

- The development of an overall strategy skills integration as well as AO2 and AO3
- Scope for linking some case studies to fieldwork
- The development of maths and quantitative skills alongside synthesis skills
- Academic writing nurtured and celebrated as part of the course
- Use of published International GCSE command words in formative and internally assessments and any self-developed mark schemes rewarding for the appropriate response.

This examination paper, as with the others in the series, had been very clearly anticipated through the sample assessment materials (SAMs) issued at the same time as the specification, and the specimen papers that followed it. The structure of this 4GE1_02, was identical to those that many centres had used as practice paper or mocks with their candidates.

Broadly speaking, the paper can be divided into three different types of assessment: Section A, B and C. All Sections have elements of the legacy but are examined differently. Section A and C in particular, require less case study information and recall, instead more application and analysis. Section B the fieldwork was problematic for many. Section C uses multiple resources in the final 12 mark question and candidates need to recognise that these must be used explicitly throughout their answers at this point. Descriptive case study material is unlikely to add much extra credit unless its used in the context of evidence to support an argument or point of reason.

There was also some confusion regarding how to prepare effectively for the fieldwork (Section B) part of the paper. The division between the 'familiar' questions that question candidates about their own fieldwork and the 'unfamiliar' questions that present scenarios that the candidates are invited to assess, is important.

Preparing candidates for the 'familiar' questions is reasonably straightforward as long as centres ensure that their candidates are engaged in the process from the very start when selecting locations and sites for data collection. They need not have detailed recall of numeric data, but they do need to have an overview of the titles / focus and results, as well as a familiarity with specified data collection methods and presentation techniques. Candidates should be taken through the possible question types that can occur in this section of the paper and the reasonable expectations about their recall of their own fieldwork. **Questions more than likely will focus on justification and explanation, much more than descriptive recall.**

It is a different task to prepare students for the 'unfamiliar' questions, which will pose scenarios that candidates are invited to analyse before offering an assessment of a proposition offered to them in the question. The appropriate skills to use here need practice built around the empowering of candidates to 'take-on' the data / information and to understanding its relevance and possible limitations. Once again, there were many answers that suggested that some candidates found the activity extremely challenging.

Despite some relatively new and admittedly challenging question types, it is important to celebrate the very many excellent answers from candidates who understood the challenges of the paper and had been thoroughly prepared in addressing the challenges of the International GCSE effectively.

Question 1 (d)

In this type of question its very important to use information directly from the resource. Here we have explicit reference to Figure 1a and the evidence taken from that image. There is no need to fill all the white space for the two marks.

In this type of response its very important to use information directly from the resource. Hence the need to use clear evidence from what is shown, rather than what might be assumed.

(d) Study Figure 1a in the Resource Booklet.

Suggest **one** piece of evidence that shows there is informal employment in this photograph.

SIR



Here we have explicit reference to Figure 1a and the evidence taken from that image. So two marks. There is no need to fill all the white space for the two marks.

Question 1 (f)

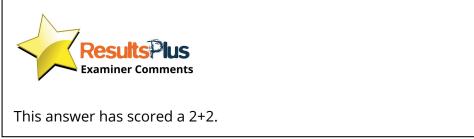
"Reasons" are key here rather than case study recall. Remember that these shortish "explain" questions are common on the International GCSE, making up a good proportion of the total available marks.

Remember that these shortish "explain" questions are common on the International GCSE, making up a good proportion of the total available marks.

(4)

(f) Explain two reasons why the production of energy varies between countries.

	()
different	
1 One reason is that countries have	
different resources. Some are very sunny, m	earing
Solar ponner is stronger and earlier to a	
where as some countries arent.	
2 Another reason is money LEDG have les MHKS money compared to MEDG, which can	. <u>.</u>
money compared to -MEUS, which can	
vairy the type of energy is produced	L.R
Countries with mare money may use	
wind therbing, which cost more to make.	



Question 1 (g)

The three-mark explain questions are less common, but can be challenging since there is a need to show a double development of the ideas. In this response, slightly unusually, bullets have been used to develop the explanation. This may be an effective process for some candidates as it will help then to logically link together ideas that form their answer.

These 3-mark explain questions can be challenging since they require "double development". Candidates should be reminded that they need not copy the stem of the question before starting to give the reason. Its common for candiates to give two separate reasons here; only one will be credited.

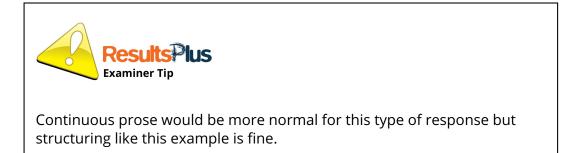
(g) Study Figure 1b in the Resource Booklet.

Suggest **one** reason for the projected increase in energy demand in Asia.

- As countries in Azia develop. quality of life is getting better and people have more disposable mome. - So people have more money to travel around the world as and people are more litely to have privote caus and bigger houses - So more energy lite facel is required for inveasing amount of private cors and more electricity is required to before house.



In this response, slightly unusually, bullets have been used to develop the explanation. This may be an effective process for some candidates as it will help then to logically link together ideas that form their answer.



(3)

Question 1 (h)

The majority of candidates were able to identify problems but some failed to link it meaningfully to a developing or emerging country. Please note that UAE, Saudi, Qatar which featured in some responses are classified as developed or VHHD. Candidates who got the location wrong, were still rewarded some credit for a "way" that energy has created problems.

(h) For a named developing **or** emerging country, explain **two** ways the increasing demand for energy has created problems.

(4)hino Named developing or emerging country DAONI 1. 办 D. reliance on non -Nerre 2 cours Sho. JOSDI Wa



This is a clear 2+2 response with very clear explanation, e.g. reliance on fossil fuels.....has incrased CO2.....contributing to global warming. So a linked set of ideas.

Question 1 (i)

These 8-mark style questions required the blending of the use of resource(s) provided with the candidates own knowledge and understanding. They are not case study questions, but are in fact much more applied. The same skill, with the same Assessment Objectives, (4AO3 and 4AO4) is tested in the other options which for Q2 and Q3. The mark scheme also has a set of levels which are fixed from year to year. Many candidates found this challenging as they did not really know how to use the resource as part of their argument.

(i) Study Figure 1c in the Resource Booklet. Analyse the reasons for changes in primary and quaternary employment.

In Fig IC primary employment is reduced by 60% from a pre industrial time to a post industrial time. This could be because now materials, such as coal, have run out and there are no longer as many jobs in that sector, also the percentage in primary employment decreases rapidly during the industrial period, suggesting rural to urban migration during industrial--isation is a reason for the decline. Reople who were once farmers in the primary sector, have mored into factories and officer in creasing the sendo secondary sector. Such a rapid and vast decline of primary employment suggests that as technology improved in the industrial period, less people were needed on tarms, allowing them to earn more money in the prime secondary sector, while food production agricultural production stayed constant. Quaternary employment only became reco The Quaternary Sector only became noticeable in the post - in dustrial period

on Fig 1c, taking responsible for 5°1. of the employment.

(8)

This is not surprising as to have a quarternary sector there must be enough money and technology to allow **Giventation** research and development, for example concer research. Quaternary employment will only become and available when the country is secure, its can spare the punding for those projects. & The quaternary sector

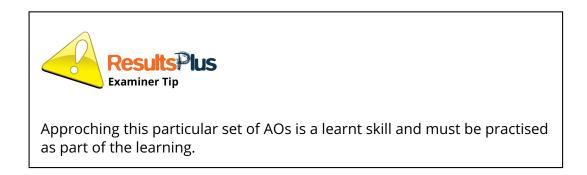
will always be small in comparison to 4 a small percentage of a countries' employment because it requires innovative, intellectual people and is also an expensive sector to invest in.



This has reached L3. To quote from the levels MS:

Applies understanding to deconstruct information and provide logical connections between concepts throughout. A balanced, well-developed argument that synthesises relevant understanding coherently leading to judgements that are supported by evidence throughout. (AO3)

Uses geographical skills to obtain accurate information that supports all aspects of the argument. (AO4).



Question 2 (d)

With these type of questions, where there is an AO3 mark coming from the resource, it is key to use direct evidence. In this instance from the photograph.

(d) Study Figure 2a in the Resource Booklet.

Suggest **one** piece of evidence from the photograph that shows this farm has diversified.

	(2)
The large number of tourists / people in the p	arm suggests
that the tarm has been turned into a 200-like	
families to observe animals and thus the older ge	1

an entrance feer



Clear use of the photograph...."turned into a zoo-like experience", gets the AO3 credit, and then the fact that families will be expected to pay for the viist / entrace fee, secures the second mark here (AO2).



When there is a resource must explicitly refer to evidence from it.

Question 2 (f)

Many candidates confused developed and emerging / devoping when refering to places. This limits the number of available marks.

(f) Explain **two** factors that have led to changes in rural areas in a named developed country.

(4) Named developed country hepya. 1 increase of education within the rural areas allow development to eacur within the rural areas such as advancement in technology. Lonich also reduces employment within wral areae. informal sector of 2 Advancement in technology orates unemployment usthin the rutal areas which forces people to look for within the urban areas which reduces saturation of workers within the rural areas.



In this response, about Kenya, the maximum score was only 2 since this is not an example of a developed country. The reasons are taken as generic, so can score 1+1.

Named developed country
1 changes in what wears is affected by population.
There are often high densities of population in ultim
settement than mich. Mis is caused by rural-ulban
miguition Herefore relacing the population weight in the nucl cracks
2 Economic development in the urban areas spreads
houseds the rural creas . This reduces the protection
OF He environment in wral ceas as economic activities
such as tourism change the rural creas -



This is a 2+2. "Changes" in the context of many answers was taken as having a broad meaning.

Question 2 (g)

"Trend" is a a term often used by Geographers, but it presented a number of challenges to candidates. A mark was given for indetification of the direction, i.e. an increase and then further marks for development based around a logical reason.

(g) Study Figure 2b in the Resource Booklet.

Suggest one reason for the trend shown.

V- 7
The trans menning that in the proving providen her intregration
1949. Mrs comer be becampe more the aren techmany mehre
nong mojoronan, foromser and perhaps generalizing noonfreel
crops haveled to be steady increase in grain productionen. #180, mar
ethoons taking nethods, such as yes poorben, conbentedad
impensed waread in a lay smith a pain to grand by and
the meresen promision levers shown.

(3)



This has scored 3 marks. Identifies increase, and then goes on to show "double development" through the explanation.



These 3 marks questions can be difficult, so candidates need to practise how to model a response that develops a single idea or reason.

As China has developed, it has started to mechanise and use herbicides/peshcides. This has allowed for higher yields as shown in Figure 26. Due to the mechanisation, China has also expanded the amount of land used, allowing for higher yields. even



This again has been rewarded 3 marks. Shows explicit use of the resource in the centre of the response, and then there are linked ideas, forming a single reason, at the beginning and end of the response.

Question 2 (h)

The mark scheme makes it clear that there is a maximum of 2 marks when no named developing country is used in context, or a developed country is used instead. Unfortunately a proportion of candidates used incorrect locations and examples.

Here it is clear to see explicit groups and ognaisations stated. This candidate shows good AO2 knowldge and understanding.

	named develop anisations have					groups (4)
Name	d developing c	or emerging co	ountry	Kenya		₩ ₩ *****
Group	or organisatio d Healt	n 1			has	improved
						conments.
Through	Providi	ng vaccin	ation fi	or a numb	er of	díseases and
treating	vario u 5	ailments	, WHO	has g	reatly	dealt with ments.
th <i>e</i> Group	declining or organisatio	health n2	care of	rura L	environ	ments.
Тће	Food	and A	griculturo	il organ	isation	CFAO)
has in	mproved	the	agricultu	ral Prod	uction	in rural
						best methods
of farmin Ferticisers	g and a , Pesticide	lso by s and hi	Providing provides	farmers n order	with to impro	Sufficient ve food Production



A 2+2 answer, with good detail. Groups are explicit. Location is valid.



Question 2 (i)

These 8-mark style questions required the blending of the use of resource(s) provided with the candidates own knowledge and understanding. They are not case study questions, but are in fact much more applied. The same skill, with the same Assessment Objectives, (4AO3 and 4AO4) is tested in the other options. The mark scheme also has a set of levels which are fixed from year to year. Many candidates found this challenging as they did not really know how to use the resource as part of their argument.

With a diagram such as Figure 2c, references to the information (AO3 and AO4) are likley to be more implicit that explicit, because of the nature of the resource. This is the case with this response, however its strength its its ability to "blend" argument with the ideas that are in the resource.

(i) Study Figure 2c in the Resource Booklet.

Analyse how exploiting natural ecosystems can affect their goods and services.

(8)

figure ac since the knowledge and where of this people is
lost by exploiting the ecosystems. Also by renoving trees (for
fueload) then here this disreptitle supporting period
by natoral reary sensince the intrient and carbon
Lycles are boten. This is becase more can will enter the armosphere as the case more can will enter the armosphere as the case more can will enter
the armosphere as less is absorbed by neer which
is also a potential to moven since con il a greenhor
Say which contributes to global warming.
Lastly by exploiting easy stems for land for example to
build factories) , wis can disrupt the regularity system of
the services since the air quality will suffer from chomically
for chineys as well as the nater grality rince unheard
Sewage can be discharged to tivers poiloning fish.



There were examples of responses that were stronger than this particular one, nonetheless, it was felt that this candidate had enough AO3 and AO4 to get to the top of L3. Its AO4 is perhaps the weaker element.



This answer could perhaps have been made even stronger if there were one or two more explicit..."in Figure 2c" type ideas as well as a more identifiable conclusion.

Question 3 (d)

As mentioned previoulsy, in this type of question its very important to use information directly from the resource. Examiners will be rewarding an explicit reference to Figure 3a and the evidence taken from that image. There is no need to fill all the white space for the two marks.

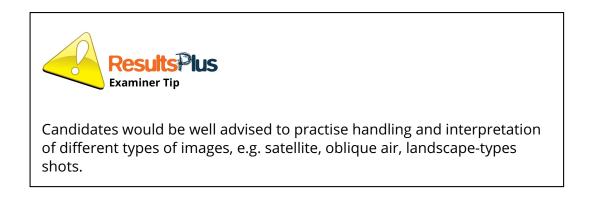
(d) Study Figure 3a in the Resource Booklet.

Suggest **one** piece of evidence from the photograph that shows this area has challenges associated with rapid urbanisation.

(2) congestion of buildings in a small area as many buildings built close to each other and not all of direct to coods. ele all many direct, have racioss



This gets two marks as it uses explicit information from the photograph.



In Rigure	3a, I can see that a Shorty town has developed	
	OF lack of housing, caused by an increasing	
	to rapid urbanisation	4



Again another clear 2 marks response using the image (AO3) and then linking it with an suggestion (which is an explaination when there is a resource provided).

Question 3 (f)

Overall this question was successfuly answered when there was reasonable knowldge and undertanding applied - an AO2 skill.

(f) Explain two ways in which urban challenges have been managed.

Examiner Comments

(4) 1 Improving infrastructure; thing like transport links have been injected with money to be developed further. 2 Waste disposal is managed by compaining encouraging people to recycle, not littler on street?.

In this example there is not an excessive level of detail provided, but the candidate has done enough to get 2+2 marks. Some candidates wrote too much on these sorts of questions and may well have found themselves pushed for time elsewhere on the paper.

Question 3 (g)

As mentioned in question 1g, these three-mark explain questions are less common, but can be challenging since there is a need to show a double development of the idea, or in this instance a single factor selected from the resource.

(3)

(g) Study Figure 3b in the Resource Booklet.

Explain how one factor affects quality of life.

Mental health Factor selected

adults not Uncom 40 NOT 40 Pa h(ViC 21 appo 40 YON 2) ONC the SR noi Living t would 5 Smell 14 eos a be unyones mental health. 0,000



This candidate has written rather a lot, and could have been more succinct, however there is a sequence of three linked ideas based around the single factor that secures 3 marks.



In questions like this, it is worth reminding candidates that there is no marks directly for stating the factor as this is just a lift directly from the resource, Figure 3b.

Question 3 (h)

(h) For a named developed country, explain **two** ways the rural-urban fringe has been developed.

Named developed country Kenya 1 Industries have been built in the suburban tringe Ку lixing in subarbs in industries people get 50 work 2 Better roads have been built to exoul trachic congestions and better mediums as a means for Provide materials. transporting. Examiner Comments

(4)

Location, Kenya is incorrect, but some credit for generic changes in the rural-urban fringe. So 2 marks overall.

(h) For a named developed country, explain **two** ways the rural-urban fringe has been developed.

(4) ÜK Named developed country. vuval-urban U Wan The een 1 and refail developer building shopping cel 11 becauses there is cheap land Darks and Lats 15 neit are transport router to the rural do ban trillige for so and asknes, Factories That 2 ... ave Ano Way Is de 4 60 There is space tachries 50 cramped conditions Their are Ih workers and becau aven + ava ゎ rou KON 1000



Correctly located, and shows clear explanation (AO2 skill). So a 2+2 response.

Question 3 (i)

These 8-mark style questions required the blending of the use of resource(s) provided with the candidates own knowledge and understanding. They are not case study questions, but are in fact much more applied. The same skill, with the same Assessment Objectives, (4AO3 and 4AO4) is tested in the other options in Q1 and Q2. The mark scheme also has a set of levels which are fixed from year to year. Many candidates found this challenging as they did not really know how to use the resource as part of their argument.

(i) Study Figure 3c in the Resource Booklet.

Analyse the reasons for the changes in the global urban population.	
ar an	
Firstly as the popul according Figure 3 c it can be seen	that
the world's population keep increasing throught throughout the years	from
2.5 billion in 1950 to a projected 8-1 billion in 2030.	
Due to this increase in population, more people would near that m	10re
food, water, every, education, etc is needed. This results in more factorie	<u>.s</u>
being set up , and more high-rise buildings and apartments there is a	F
deviced demand for labour, hence factories can exploit economics of	
which results in the global unban population as more people more int	0%
these cities in search of work.	
Secondly as there is a demand for more things, that mans	there
is a demand for Jobs jubs which brings about the multiplier of	
as the process teeps going as more people more into these cities in	h
search of work, thus increasing global unbour population.	*****

thirdly sounting between 2005 and 2010 , the unban world population overtook the rural world population at this point and the percentage in the it is projected that in 203 2030, the rural world population urban world population improves ! This begins decreasing and shows that in the fiture past , people preferred living in I runal could areas bowever as due to economic growth and as other factors of production develop and improve, people realize that they will benefit more from their is a higher stand and of living, more fascilities in urban areas 05 higher pay, more disposable incomes and etc. Thus showing an increase the global curban population,



Clear analysis of Figure 3c in this reponse, developing logical reasoning. Again this response may have been strengthened with a more obvious conclusion to provide closure on the comments in the response.

Question 4 (a) (b)

Please note that the comments made on Q4, also apply to Q5 and Q6 as the questions are in parallel and the resources very similar.

Overall Section B presents a challenge for many candidates. There is a mixture familiar fieldwork questions, i.e. work that the candidates have done themselves, then an 8-mark unfamiliar question. This in many respects is testing a similar set of skills to the extended 8-mark qustions in 1i, 2i and 3i. Again the data from this part of the test shows candiadtes found difficulty in understanding both the process of enquiry and the language of fieldwork.

4 Investigating economic activity and energy.

You have studied economic activity and energy as part of your own geographical enquiry.

State the title of your geographical enquiry. Investigating the efficiency of energy resources in a country

(a) (i) State one type of sampling you used in your geographical enquiry.

tematic

(ii) Explain **one** way this sampling technique helped you to collect reliable data or information.

around was more lowed 100 area VIEWS

(b) Explain **one** way you managed a risk associated with your primary data collection.

(2)

(1)

(2)

as brief avestions as and tor anyone easu \mathbf{b} a



Questions 4aii and 4b had a wide latitude in the markscheme as to what was acceptable. In this response the candidate shows some understanding of the sampling approach being able to cover a large and then developing this with a link to reliability. Perhaps, more strightforwardly they may have said....It allowed find out about the spatial variation in the area of study (1) so that we knew that we would get good area coverage to minimise bias (1).

Many candidates interpreted risk as the risk of collecting poor quality data, rather than risk in the sense of a H&S risk. Both of these different ideas could be given credit, so this response got 2 marks for 4b.

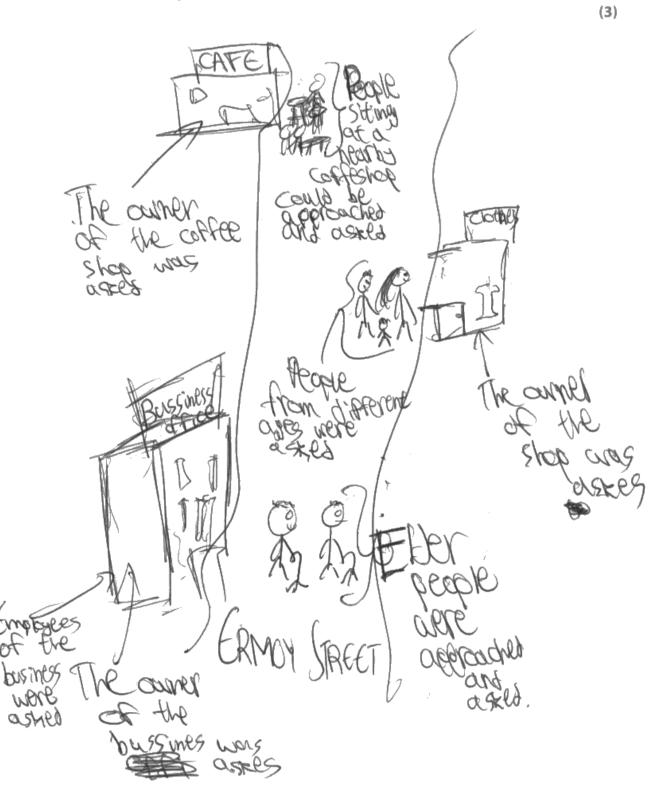


Many students struggled with the right language to express thesleves in parts of Section B. A fieldwork glossary would be a sensible addition to the geography folder!

Question 4 (c)

The biggest difficulty candidates had on this particular question was understanding the instruction to annotate, and then being able to justify the site selection.

(c) Draw an annotated sketch map or annotated diagram to show how you selected locations to collect your fieldwork data.





This response has scored 3 marks for: locations that that can be real and can be identified, e.g. Emroy Street (1), the location of the fieldwork / sites (1) and also some ideas around who was asked (1) in the brief annotation. Although this did get three marks, its still a shame that the candidate really didn't justify the site location.



Candidates should be involved in the whole enquiry process, especially the planning aspects so that they can explain for instance, why particular locations or sites might have been chosen.

(c) Draw an annotated sketch map or annotated diagram to show how you selected locations to collect your fieldwork data. (3) End of village 2 3 Industria dupriene Road estate 4 Every 3rd house going ma anticlackwise direction around the village were sampled. 5 2 6 51 20 7 19 8 91 of Village 18 10 11 Road 5.d 17 R 13 14 16 ß End of village



Another example of a response showing location aspects and clear site details (the numbers beside the roads), but once again a shame that the justification on "how" is not fully developed.

Question 4 (d)

Again another familar fieldwork question based on the candidate's own experiences. A number of examiners report blank spaces or only the completion of one limitation. For these type of fieldwork questions, its a good idea to be prepared for two of everything, e.g. two methods to collect data, two presentation, two analysis etc.

(4) 1 Ne SPOXE Mia Some nome 021818 erect to inquire about how ore used wory no bile phones numers are likely to vary as one onner in the cony. twenty enone while there are only six Said 1002 protogragns of the 2 vre CODMYCOD) Jud the 200000 291 Man and 20 SO (180× in that.

(d) Explain two limitations of the method that you used to collect qualitative data.



Examiners were able to use quite a liberal interpretation of "qualitative" data, and so part (1) of this response is taken as being an interview. Questionnaires were also allowed, unless the candidate explicitly was refering to closed questions for instance. It would be beneficial for candidates to use more obvious techniques that were either qualitative or quantitative.

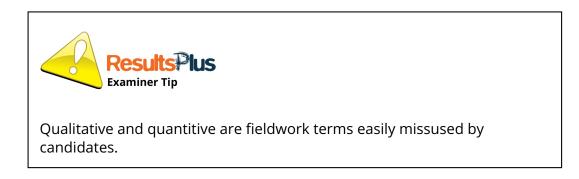
(d) Explain two limitations of the method that you used to collect qualitative data.

(4)

- 1 Dara coura be lost.
- 2 Data isn't reliable or to trust.



A number of responses showed these characteristics, i.e. too brief and lacking specifics. For an explain questions its important to think that the response cannot just state a limitation without any context.



Question 4 (e)

This is a question which is split into AO3 and AO4. In other words identifying ideas directly from resources, and then making sense of them in a geographic way. In these unfamiliar questions, its always important to read the preamble that gives a context for the question, in this instance on the box on page 18 of the exam paper. This gives a clue as to to how to evaluate since it says that the aim was to look at attitudes. Does the presentation shown actually help deliver that?

Once again AO3 and AO4 skills are being tested using extended writing and unseen information.

(e) Study Figures 4a, 4b and 4c in the Resource Booklet. They show three different data presentation techniques from a student's investigation into developing energy resources.

The aim of the student's enquiry was to investigate the <u>attitudes</u> towards the plans for a new biomass power station in a rural part of Ireland.

The student used three different presentation techniques to help understand people's opinions towards the proposed energy development.

Evaluate how effective the techniques were in presenting the data and information collected.

(8)

Shows A

looks like an effective technique as 19VKe primary research and people were honest in mustly disagreed to his proposal of new Glomass power station a It is easily understandable and there was an even 8 questions.

a truck Causing trathic congestions show! by kehicle on a small 1+5 presentation a unclear on what trying to present. The I because we cannot i atom a truck Causing traffic angestion shows

attitude towards the plans of a new biomass an noral wads power station. It is only a problem Sign that a new read must be built of ana a hige trucks

I believe figure 40 shows a person ammention Giomass powerstation and how its a Students investigations idea The good U ain part of Incland" therefore method of presentation Unit good because 14 Shows one Man Lying it's 9000 Nen the majority Saying NO. Shows hation Student failed to make an effective the Sioness Power Stakion presenta tion



Explict reference to the resource helps to secure AO4. Provides a number of evaluative comments and ideas..."I believe that.....", "...this 3rd method of presentation isnt good" etc. This contributes directly to the AO3. There is also a brief conclusion which is good practice for an evaluation question since it provides some closure.



Question 7 (b) (ii)

Again there are AO2 and AO3 marks here for a reason from the information shown in the resource. To get the AO3 candidates needed to identify specific places, regions or groups of countries from the world map. Its not sufficent just to give a reason without specific use of information (or pattern) from the map.

(4)

(ii) Suggest **two** reasons for the pattern shown on Figure 7a.

1 The rate of Pollution of Cozin clima is high because, most of the hard work they to are bused on machinery, which emmits Cos due to the reaction of the nachne. 2 hilligt the rate of follection is very low in theneyers of the work me is based because not human labour and some factories uses machinery.



In (1) China is identified as having high CO_2 and and idea around mechanisation (industry) (1) so some development here. Then there is a contrast with Kenya in (2), and although not very well expressed its just enough to pick up another two marks for a contrasting idea in the pattern.

1 Highly industrialised countries such as China, # release Co, due & to activities such as deforestation and also factories and industries releasing cos

2 Countries in Africa such as Afri Kenya, have the last co, emission because they do are not industrialised, and their employment is based on primary sector such as farming.



This is perhaps a clearer answer in terms of geographical language and competence, again identifying patterns from the map and then offering a logical geographical explanation which gets the marks for the development.



World maps are frequently used in exams so its a good idea for candidates to have a recognition on how to interpret patterns from such resources.

Question 7 (c)

This was generally well answered by the majority of candidates (mode of 4 marks) showing that they had revised this particular part of the specification well. A wide range of responses wre provided, and as long as there was a partial link to impacts on people, then credit was given.

(c) Explain two negative effects of deforestation on people in fragile environments.

(4)Due to deforestation floods can occur as increase in CO2 will inrease a result Floods can cause deall

Deforestation can also lead to the loss or 2 Le crops. Its a result there will ve or migra



Credit for idea of floods (1) (linkage to deforestation) and development with death and injury (1) is just enough to get a second mark. Loss of crops in the second part of the answer also gets credit and there is a better developed explanation here with the link to food shortages and then starvation. So 2+2.

Question 7 (d) (ii)

The term "trend" is once again used in this question. It means that candidates need to provide an overview (trend), e.g increase in emissions, and then perhaps use some data to make that explicit and pick out a change in the rate between two data points.

(ii) Identify the trends in CO₂ emissions in China, 1960-2015.

The COa levels at first in 1960 decrease alightly but then starts to increase until 9.7 in mid 2014 and after that is start to decrease again.



Increase slightly (1) and then starts to decrease (1) supported with data also (i.e. a year) gets 2 marks here.



Trend does not simply mean describing two data points in the resource.

(2)

Question 7 (e)

The command word "assess" was one that a significant number of candidates had difficulty in understanding what it was they were meant to do. In the specification this is defined as: Use evidence to determine the relative significance of something. Give consideration to all factors and identify which are the most important. In other words candidates are required to rank and / or make a judgement. Vary few were able to do this, instead simply resorting to copying the information provided. Other examples which are very similar are found in questions 8f and 9f.

(e) Study Figure 7c in the Resource Booklet.

(6) human factor that causes climate change is One through industry. The growth of economies like China's led to a great inverse in factories and menufactured and doing with it climate change caused by of energy coming from non-renerable sources being amounts thus increasing the entisions and stimulating direct used, 1 human tactor is detorestation, where there are Another be used in as fuel or to make space for cut down to new land. This is ospecially provide in Papua New bruises and Madagascar. As forests about the los in the atrospheres cutting other down a world lead to clincte GIFIG'S and therefore change due 10 an increased port greathance effect. Finally, increased electricity consumption also the results in dirate change. This is because as humans derived more everyy more energy is produced to keep up with its and since a large propertion of electrical energy is produced by non-renewable sources. this contributed to glabel narring and & clinche change all non-renenable sources produce (Q2 as a by-product at w Heir burning.

Assess the different human factors that cause climate change.



The assessment in this response is more implicit than explicit, but nonetheless it is evident. This candidate also develops their own knowledge and understanding through some additional information of Madagascar, which helps with getting additional credit for the AO3 part of this answer. There was sufficient evidence of assessment in this reponse to get securely into the the top level-band.



Greater familiarity with the "assess" command instruction is strongly recommended for future examinations.

Question 7 (f)

This question along with 8g and 9g has both a unique command word and unique set of AOs (AO2, AO3 and AO4). What is required is an assimilation (use) of the specific resources mentioned in the question, and then investigating the issue (through the statement: agree vs disagree) through reasoning or argument.

(f) Discuss the view:

"Those people contributing the most to climate change will experience the greatest impact".

Use Figures 7a, 7b and 7c from the Resource Booklet and your own knowledge and understanding to support your answer.

(12)chan 91 D car Climate greennour Se Cht global 1 and ling Yanci level STORMS nX and more pequen නු යනු pragile environmenas anoping YCM m SUM which tom cau 11 *stanuation* mic ANTO is reduced and the SUIL

Firstly, the countries contributing the greaters to CO2 which emissions one China, # India and the w a result of the night industry levels in indianas well as in insertice westock all cone as and parming in the USA. As seen in Figure 7A, ture activities directly correlate with to roco wit Co2 release m India RL 10,000 relayed in Ching. At and contros are experiencing rapid economic 1 tex Wirent growth which is a more significant in Reir policis man climate change and are net yet expressing the impacts. Unjointenately, people residing in low lying areas or islands such as Turaly or as mentioned earlier, in M salue are facing the consequences of their actions with transmed Mading in twelve leading to climate change repugees which he effects of the draughts streedie to changing rainfall notlens as global temperatures tive means 100,000 of people have dipci in the schel due to stariation and parnite. Its seen in fig TA. The regions contribute extremely tiny to the core emission However, the impacts of gibbs durate change are reade starting to creep up on mony of kye country such as the HAC interse . Inviricanes in the USA and as well as the fourst fires in Los Angels.

Europe which a also a major For some regious such an seen by the zoverage 500 NHCO2 n fig 7a 05 contributor, some impacts have manifested into hartoon hanging HOWER , which tilled 13,000 nrance 2010 SIN ropical DION ار mending lOJU pasts ke PUDIASO UNO DON Spreading northwards and pequent MUK Hucse contributing 10 climate change or SVCL view that greaterest could passibly (Total for Question 7 = 35 marks) mpalle true. people contributes is evident that some Overall, 44 it is welly ke much will be impacted greatly to suffer first mad these who do not are going due to such people's actros

> Results Plus Examiner Comments

This is a L3 response where the candidate shows good understanding of concepts and interelationships in the geography. They also desconstruct ideas across resources, with explicit use of data and evidence. There is also a clear conclusion which shows the bringing-together of judgements.



Reference to particular Figures, e.g. 7c etc, helps demonstrate AO3 and AO4.

(f) Discuss the view:

"Those people contributing the most to climate change will experience the greatest impact".

Use Figures 7a, 7b and 7c from the Resource Booklet and your own knowledge and understanding to support your answer.

(12)view of "those people contributing the most to climate wW C NCC. the preatest Umpact expener cases thi hetenor NOY Solon 16lar 10n'sstudy of rase false this 15 nons' Island is an island on surrounding)ew Genera Mapa N the very sustainable kland due 15 to the fact the only transport very little carbon releases enusaions fuelwood continuites Smar amounts Solomon's Str XIES with finance as their only exports aswell , fruits are palm 8U 03 lack gold. Due to their Ø , tourism doesn't housing 0F with contra hution slomon's Island has LOST islands with the Y

sea levels and 5 villages have ot out, due to the washed been same Solomon's Islands understands reas onina. to do reduce they have to what nelp contribution to ch clinate Eletanable novere rena and lack of financial income due the to 100 the unable are case study is a great example Incs due to the this view S Objecting contribution nas fact utte no Or nowever to cumate chance suffering impacts of the 1065 ot due to * other islands countres heavy contin and DII ions in climate (Total for Question 7 = 35 marks) nse change.



This answer is dominated by learnt information (AO2) but lacks reference to the resources which is required. As a result, the mark is a low L2 score, allowing some implicit credit for use of resources. It also lacks meaningful judgements.



Too much AO2 "case study" leads to imbalance and typically a L1 or low L2 score.

Question 8 (c) (ii)

Again there are AO2 and AO3 marks here for a reason from the information shown in the resource. To get the AO3 candidates needed to identify specific places, regions or groups of countries from the world map. Its not sufficent just to give a reason without specific use of information (or pattern) from the map, since there is an AO3 mark here.

(4)countries The Dendope 1 tar IND Orn ea hane Ogies an ene Tho. they Can a suchdary or m





Makes specific reference to countries, either named or by grouping (e.g. "emerging"). Gives two clear reasons, so 2+2 marks.



Pattern in a question is always going to require the explicit use of a resource, in this instance identifying places, countries or regions.

Question 8 (d)

This question was generally successfully answered by those attemped it, with a modal score of 4, showing good knowledge and understanding.

(d) Explain two positive impacts of migration for destination areas.

(4) mare n w are mpr 80 A) ar m m hn M red (CR)me 2 M



Question 8 (e) (ii)

These types of questions demonstrate the need to practice AO3 skills, i.e. interpretation of different types of maps, tables, graphs, images and other types resources.

(ii) Identify the differences in the 'Ease of doing business' index between Europe and Central Asia and Sub-Saharan Africa.

The figure shows that the highest score, average score and lamest score from Eug & (Europe and Central Asia) are frighes the n Sub-Jaharam Africa.



Gets two marks. Refers to different pieces of data from the resource and then compares the regions.



With these two mark responses there is a need to develop a little more detail rather than simply stating one single fact, e.g. the average. In this particular question, which has "differences", there is a need to offer some kind of comparision.

(2)

Question 8 (f)

As in the previous 6-mark questions in Section C, the command "assess" was one that a very large number of candidates had difficulty in understanding what it was they were meant to do. In the specification this is defined as: Use evidence to determine the relative significance of something. Give consideration to all factors and identify which are the most important. In other words candidates are required to rank and / or make a judgement. Very few were able to do this, instead simply resorting to copying the information provided.

(6)

(f) Study Figure 8c in the Resource Booklet.

Assess the different factors that have enabled globalisation.

Although all of these factors contribute to grobalisation, they do so on different levels. Authough flexible labour poners have allound new and in other developments to marie, with buinesses becon international dueto these employees. This important factor however there has a been worker charleble, so it has not caused prodicischion dureity & Idoci inskihing, promoting trede, like WTO have allowed contries to gen new and & corrers up' to work doment with at being explaited by larger comments. TNCS has companies TO LICS imposing and these ones, allowing for hew developments and spread throughout the coold, demonstrated by

production chains. These show how in the world is. Threasport, cheaps and easy, 50 0~ available to rich people, but all kinds of people and track, alliowing for movement and people being able to ! communication on information Lechnology people across the world to take to are crother allous things like call centres to be set up end to operate all cround the word. This is burisnesses most important subor as, without this, TNCS and global inhuhos is ould not be able to operate. This hes allowed or world to be inconnected



Good assessment provided in this response, making use of the resource and then creating a judgement. An example of a L3 response.

· Transport technology has resulted in the world becoming a allowing people to trav smalley place and d kecon TOH TIMPES Shou

· Communication and information technology has made making contact with people around the world easier than ever and has increased connection between businesses and even countries.

• Global businesses have increased ties between countries and given people job opputunities



This answer was rather more typical at L2 which was more about "lifting" information from Figure 8c, rather than providing a clear evaluation and judgement.

Question 8 (g)

This question along with 7f and 9g has both a unique command word and unique set of AOs (AO2, AO3 and AO4). What is required is an assimilation (use) of the specific resources mentioned in the question, and then investigating the issue (through the statement: agree vs disagree) through reasoning or argument.

(g) Discuss the view:

"The causes and impacts of globalisation are distributed unevenly".

Use Figures 8a, 8b and 8c from the Resource Booklet and your own knowledge and understanding to support your answer.

(12)Tes, I asree with this spatement & overall, HICS Surder, MeUK and the ULA benefit from Ach of sloyulidation and are also constant year cources has however, it is the UCS anch as Ethiopia, and Barshad at suffer northon her egain impacts and a quilty of life and environmental isones. As shown its transe 3g, it is a developed and the here the partiest whenet spredy Inch as for the percenter historiand. This allows More constries to develop even mur shough commiscions and made link. However, mir leaver behind how and do not have high internet speeds so dipleased in dias luxun promotion of partnesse horiday prough socialmedia and thing done. (noticed, TWCs we set and thing and thing in eg India. Prog Workers or exploited of mer ha camped working condition, com goral auget

Græfstærsesse Mir causer social mert anet political interer ach as in china men in 2010, mere vere i hundes hatageng. Minin me compti Granman 11 i mer ane also caused by Factories are to pollation of es Kiver carles mich car lead for ware borne direaces particularing a preciting those living in Awas hat use his water to wash hencelves. Illnesses man as chlines can ance. Anechouse saves we produced and vil spillages can take place. Therefore, it's the (ICs that experience the hardenip menors the HICS just revien me products such as Apple more cutalt To but kness in dug up in the kenocrabic Keps Wircot (ingo by ever yours wilder. Figure 85 also displays though the smaller range of Ease of doing Resident'sh Erope & Genral Aj'a that overall, me pyulation is non eaucaked due to the counties developed ment and mined more "enjoyable" and higherpaid work in he tiching sector means in & Middle East & Normapsica, citizens wrhins in he recenden who my be writing glut herd yet not recienting north many to a any disposable theme.

merefore to LICS acchange a rut main HICS contrancy

due lup and as shown in Eighte 3 c, UCS doi mare

the technology to develop as planes and domaini alling

mat will lead them to a stronger. (Total for Question 8 = 35 marks) role in slobal events and insequent is become slobalized. However, there are shill some positive impacts of slobalization such as Thics give counties the asiling to set involved in the supply chain and predectives trade bacs. It supplies people wing the powerty or sum or working in the informal sector a chancet make a studie and reliable wase. It also mips a chancet make a studie and reliable wase. It also mips impour the information that particular city. Therefore, the conclusion, although thics benefit the most from the progressing causes of slobalization rhound to fish the BC. (I Cs accordo benefit from the developments to some different.



This is a L3 response where the candidate shows good understanding of concepts and interrelationships in the geography. They also deconstruct ideas across resources, with explicit use of data and evidence. There is also a clear conclusion which shows the bringing-together of judgements.



Candidates should practise "blending" their own ideas with unfamiliar resources that are provided.

(g) Discuss the view:

"The causes and impacts of globalisation are distributed unevenly".

Use Figures 8a, 8b and 8c from the Resource Booklet and your own knowledge and understanding to support your answer.

(12)Globalisation has introduced more range free transport r WORKERS Dary 5 ofrances in te avg CUD MMUNICAtions. Transnationa DANK employment Ven Draf Priva Ferburg n 9 PYNG TOX mes Such as better internet NO PY Ve also been introduces. 9 N) NO of lifferent ACXU 6~m MURS the other the UN-WELLS red db α_{16} Dradwki ONS Navp MART rempn 2011S anounts KON rries. 61 SIPL the Miger arregs Man P XD Mark OUOWG ancer and prxicina Cit. Part SNON ED CP S V9lc the gener IMDENES ND NCKEASES dG. Ya K and factories have Signiticant

out would the couses and impacts of globalisation are fightibuled even benefits to out world



A L2 answer. This lacks explicit reference to the resources specificed, i.e, 8a, 8b and 8c. It also lacks clear reference to impacts and places.

Question 9 (c) (ii)

Again there are AO2 and AO3 marks here for a reason from the information shown in the resource. To get the AO3 candidates needed to identify specific places, regions or groups of countries from the world map. Its not sufficent just to give a reason without specific use of information (or pattern) from the map.

(4) Politica ments Raviotions. (on 1. a T 10(Vices ooryt Son () (anse Phia

(ii) Suggest two reasons for the pattern shown on Figure 9a.



Mentions countries alongside two valid reasons, so 2+2 marks.



Pattern in a question is always going to require the explicit use of a resource, in this instance identifying places, countries or regions.

Question 9 (d)

This question was generally successfully answered by those attemped it, with a modal score of 4, showing good knowledge and understanding.

(d) Explain how **two** international strategies have attempted to reduce uneven development.

1 Bothom en introduced up schemes £L. Treadle exam in ud the. innon gap sch 2 which inter which governu rail line which Nigeran u inquelitic nde



Two strategies provided. These were perhaps less obvious than trade or aid, but were still recognised as credit-worthy, so 2+2.



Some candidates wrote far too much for these types of answers. There is only ever a maximum of 4 marks!

(4)

Question 9 (e) (ii)

These types of questions demonstrate the need to practice AO3 skills, i.e. interpretation of different types of maps, tables, graphs, images and other types of resources.

(2)

(ii) Describe how HDI has changed in Tunisia, 1980-2016.

From 1980 to 2011, HDI increases at constant rate,	
from 0.46 in 1980 to 0.7 in 2011, but it decreases	
tapidly after 2011 as shown in 0.57 in 2016.	



Scores 2 marks. Gives two points here - increasing (1) and then decrease rapidly (1). Uses data as well to support.



It's always good practise to use data to support responses such as this where AO3 is being asked for.

Question 9 (f)

As in the previous 6-mark question in Section C, the command "assess" was one that a very large number of candidates had difficulty in understanding what it was they were meant to do. In the specification this is defined as: Use evidence to determine the relative significance of something. Give consideration to all factors and identify which are the most important. In other words candidates are required to rank and / or make a judgement. Very few were able to do this, instead simply resorting to copying the information provided.

(f) Study Figure 9c in the Resource Booklet.

Assess the different factors that have caused variations in global development.

in figure 96 it snows different factors may have caused variations in
giobal development such as government and climate change. some
factors are more prominear causing more energized variations such as
in my opinion governments, demography and food and water
searring searring of necessines cause variation in development, as to
maintain development one must have stability over time and good
access and availability of mese resources as may provide essential for
living this is important factor as it makes less developed countries stand
but as may don't have me access this an the un-contropt government is
essential othen analysing development as the government should represent
The country and provide basic resources and support the country without
mis support a country can't develop of be classed as developed causing
variation, between the s and lies as were corrupt governments lie in
UCs.



Candidate attempts to make clear judgements here...."in my opinion..." Applies understanding to deconstruct information and provides some logical connections between concepts. Explicit use of evidence from the resource. This response gets maximum marks. (6)



Assess means: Use evidence to determine the relative significance of something. Give consideration to all factors and identify which are the most important.

Question 9 (g)

This question along with 7f and 8g has both a unique command word and unique set of AOs (AO2, AO3 and AO4). What is required is an assimilation (use) of the specific resources mentioned in the question, and then investigating the issue (through the statement: agree vs disagree) through reasoning or argument.

(g) Discuss the view: XNGOS stypent economy v betwhearen

"International strategies are only one part of the solution to closing the development gap".

Use Figures 9a, 9b and 9c from the Resource Booklet and your own knowledge and understanding to support your answer.

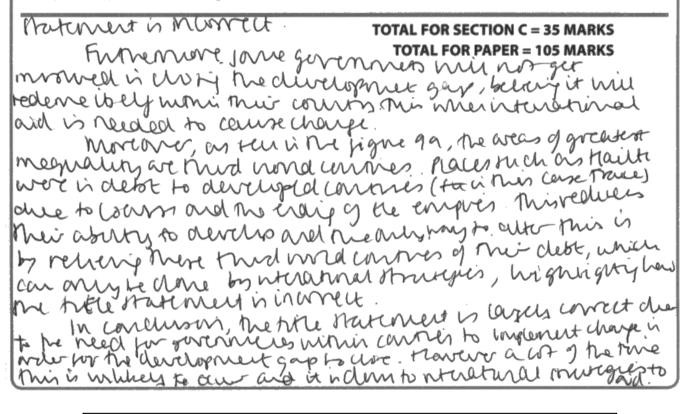
The idea that international pratiques ac one ne par of the sound to doing the development gap is party threas it is necessary for nortrana givennut to interverie on for thre charge to occur Nevenules, sometimes this is mastle to occur and in mese peraro mette itatement is incorrect. Tipty, thetale statement is correct as mont the government causi, change within their ameonty, it is whitely pat the development gap mit close and this is sen is frence 9a and figure 2c As sen is figure 9c, prenne denverante a government is, the more developed the contry and this is reported in fine 9a, Muit bunes appare net annis un ne highest compton levels have him inequality interational

(12)

Stutepies lar only cause givenmental charge to a restat, denomorally how one of a types as needed to alter this, such as narrow i chemes such as the HS2 raining is Gyrand aimed at reducing the development gap in Brat Brtain.

Furnemere, interestinal Matches can be help but, as sen i pine 96, if conplict a economic Augusti occus, apartmonoffing inpost to musicarts, utrational materies can muy playa pat is don't he development cap Infigure 95, Turisia's tips vide dranaticaly deveoses pring 2009 and it can be proximed that this vers due to conflict. The when conflict arises, the interational itrategres can alydo to much as it is up to the country usey to end confrict i order to reduce the development gap grassely and prevent canaria stagnation demonstrating hat the title statement is onect. Maverer, international trategies are concernes reeded interaconing latter recorrespond technology and the The course using using nound not be able to crock the technology headed and the fore it is down to interestance strukepies. such as wateraid in kenya who privale were that use ntendrate runnogy to enve a conty can develop, minora nor sease to be achieved what nterreting

aid demonstry how me till (Total for Question 9 = 35 marks)





As in 8f, candidates should practise blending their own ideas with unfamiliar resources that are provided. In these long extended answers the skills of analytical discussion are very important. Although it's the last question, its high tarriff, so candidates should be encouraged to attempt it.

Paper Summary

Based on their performance on this paper, there are four themes that should be carried forward from this first round of the new International GCSE Geography assessments in general, as well as on this, Paper 2. These are very much a reiteration of those that have been widely circulated at Pearson training events and on the Pearson website.

1. The role of the AOs (Assessment Objectives) in teaching and in learning

Candidates need to appreciate that the extended writing questions 6, 8 and 12 marks are dominated by AO2, AO3 and AO4.

Poorly balanced responses that concentrate on one of the AOs, or on AO1, in general will be confined to level 1 or low-level 2. As a result, candidates would benefit from practising this type of question from the beginning of the course. It would be a very useful class exercise to set an example from Qs 1-3 and Qs 7-9 for the new Year 10 or Yr 11 candidates.

2. The need to use resources more

It was evident from this summer's International GCSE that resources (maps, graphs, pictures) remain challenging for many. The specification signals skills opportunities at the end of each topic, but teachers should feel confident in using a wide range to support topic-teaching. Its also an opportunity to update any resources that are used from textbooks, that quickly date and show their age. Resources are used in the International GCSE to test quantitative as well as skills of analysis.

3. The importance of the command words for International GCSE Geography

Candidates need to be comfortable with the 'new' and more demanding command words especially 'assess', 'evaluate' and 'discuss'. There are several key points here:

Candidates should appreciate that, in most cases, they need to analyse a resource and extract information from it before embarking on an assessment.

Candidates should understand that the nature of that assessment depends on the whole phrase at the beginning of the question, as in 'Assess the reasons...', 'Assess the factors...' or 'Discuss the view...'

Candidates should recognise that for extended writing "assess" or "discuss" is more than a simple explanation of a relationship or a pattern, but also an attempt to rank the most important reasons / factors from the minor ones.

4. Fieldwork and enquiry skills

Section B of the paper exposed very marked differences across this, the first, cohort of candidates. To improve candidate performance, knowledge of key terms (for example 'quantitative data') is important and a glossary of these terms should be built up over the course.

Candidates also need to be confident so that they appreciate that the 'unfamiliar' fieldwork scenarios will not be perfect, and they are encouraged to look at any data resources and data critically. Practising these questions from the beginning of the course will help candidates appreciate that these questions are not as difficult as they might imagine.

Grade Boundaries

Grade boundaries for this, and all other papers, can be found on the website on this link:

http://www.edexcel.com/iwantto/Pages/grade-boundaries.aspx

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