



# Examiners' Report June 2011

GCSE Geography 5GB3H 01



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### Introduction

It was very pleasing to see a very good standard from candidates for this second examination of the modular specification. There was a much larger entry this year, and the maturity of candidates taking the examination at the end of Year 11 was reflected in the standard. This is a demanding examination in which over 70 percent of the marks were allocated to extended writing for questions carrying 6 marks or more. It produced some exceptional quality responses in which many candidates proved themselves very well indeed. Some of the writing for extended questions of 6 or 9 marks was of exceptional quality.

Candidates had generally been well prepared; most demonstrated a high level of knowledge about the issues facing the fishing industry and communities in north-east Scotland, and possessed a good vocabulary so that terms such as 'bycatch' and 'demersal fish' were routinely used by candidates across a range of answers. The Resource Booklet has again been used well in preparing candidates; this is reflected in the 'Ning' for this specification, where members have posted ideas for lesson activities for others to use. This is very pleasing indeed. There was also considerable evidence of candidates making linkages across the specification, particularly to Unit 1 Topic 7 (Oceans on the Edge). This was one of the original purposes in developing the specification, and it is pleasing that teachers are encouraging candidates to make conceptual links. In addition, several good candidates had a strong understanding of sustainability, and the fact that the term has economic and social, as well as environmental, dimensions. This is also heartening, since the specification was written to draw candidates away from a dependency upon case studies and towards an understanding of geographical concepts such as this.

Some guidance about timing for the examination is important when teachers prepare candidates for this Unit. The evidence is that the majority of candidates do manage their time well in completing the examination. However, a substantial minority ran short of time in answering Questions 3a and 3b, and often this could be traced back through the examination in the level of detail given in earlier answers. Teachers are strongly advised to help candidates in this respect by preparing them using timed writing exercises. Paying attention to time in respect of, first, broadly equal allocation of time across the three sections, and second, using the space as guidance for how much to write, ought to help candidates. This is particularly true where candidates wrote rehearsed answers for Questions 3a and 3b first, often exceeding the space and writing on extension sheets, only to find that they ran short of time and failed to complete Section B. That said, there were proportionately fewer paper scripts this year (ie those with extension sheets which cannot be scanned and are therefore marked traditionally), suggesting that most candidates have sufficient space within the answer booklet.

Nonetheless, there is a 'tail' of candidates who were less well prepared, perhaps because of curriculum over-run in teaching the two core units, 1 and 2, for the first cycle. Those who were well prepared wrote in a very mature way about issues concerning the fishing industry and about this region; no small matter, since this part of Scotland will have been fresh to the vast majority. It is therefore hoped that timing and preparation will be adjusted by those teachers under pressure of time in the second cycle. It was disheartening to see scripts at D grade and below where candidates had omitted questions randomly, when raw mark boundaries separating the grades are so narrow.

There was less evidence this year of candidate fatigue, reflecting the maturity of candidates and the recognition of the importance of terminal examinations in Year 11, compared to earlier entries taken in Years 9 or 10. Teachers are encouraged to do all they can to ensure candidates go into the examination with the aim of completing it. Even brief attempts at questions can be rewarding.

### Question 1 (a)

Responses to this were mostly accurate and made good use of the Resource Booklet. Correct answers usually referred to North East Scotland/North Sea/Coasts and the two counties of Moray and Aberdeenshire. Many responses successfully referred to physical features on the map, eg North of Cairngorms. There was also referencing to remoteness and isolation with the rare use of 'periphery'. Inaccurate answers were few and usually involved north-west or descriptions of the terrain eg low lying/flat. Some candidates unfortunately referred to 'at the top' or 'right hand side' of Scotland.

		Section A – Ge	tting to know	v the region		
Use Section	A in the Reso	urce Booklet to a	inswer this qu	lestion.		
(a) Study Fig	gure 1 in the f	Resource Booklet				
Describe	the location	of the study regi	on within Sco	tland.	(2)	42 1
61.01	En al	1 m m				
North	Earst	Coact	of-	Scotland	in the	
North Caunti	Earst 6 of	Coact Moral	of 1 an	d Abera	in the deenshire	





Get straight to the point on 2-mark questions like this one. Extended answers worth 6 marks or more are assessed on grammatical structure, so phrases like this answer are perfectly acceptable for 2 marks.

### Question 1 (b)

This answer was very well done, and many candidates made good use of statistics to illustrate differences between east and west Scotland. The basic differences were that Kinloss is drier, warmer and sunnier.

(b) Study Figure 5a and 5b in the Resource Booklet. Outline three features of the climate of Kinloss (Figure 5a) that tourists might prefer to that of Kinlochewe (Figure 5b). (3) Jancons have Q WOLOW atile to max 6. Max 6.8 C and The Max have SUNSH a da average ano har hars have a nlochene's 218.

> **Results Plus** Examiner Comments This is an excellent response which could have earned 4 marks had they been available. Using point marking, it gains credit in identifying higher temperatures in a particular month, more supplied per day and fewer rai

particular month, more sunshine per day and fewer rainy days. The use of data is also credited with 1 mark.



b) Illustrating your answer with data can also earn you 1 mark.

### Question 1 (c)

Question 1c(i) was done well by most candidates, who gave examples of remoteness including poor transport type (exemplified with lack of rail and motorways) together with distances to major cities. Some described it in terms of its rurality, with an urban population of under 25 percent. The question assumes candidates know the meaning of 'remote', one of the italicised key terms from the Resource Booklet. It is important that candidates know and can use these terms in the examination.

Most candidates scored 2 marks for 1c(ii) by commenting on the relationship between distance/time and cost, sometimes developed with reference to difficulties to establishing a market in a sparsely populated area. A few candidates extended this by making links to an unskilled workforce.

(c) Study Page 7 in the Resource Booklet. (i) Why might this region be considered remote? (2) One reason the region is considered remote is that it is per away from region cities - it takes one have to travel from travels rap to Abardean Another reason is the lack of transport links - there are no motorways, and no direct rail links to any cities. It takes a long three to travel any where a bit the region. (ii) Explain why this remoteness makes it difficult to attract new industries to this region. (3) Delivery costs are high for envy industry in the region, as there are no yo, Flights of this prom within the major. Industries much times drives to tompor their products over long distances by read, costs a lot of money, and takes a long time. This rematures is no shilled laboures can be cound within time Got them whe grom



**Examiner Comments** This response earned the full 5 marks for c(i) and c(ii). In c(i) it refers to distance from major cities and lack of motorways for 2 marks; c(ii) earns 3 marks by explaining how delivery costs are high, long distances travelled by delivery



Examiner Tip Make sure you know the meaning of key terms which are italicised in the booklet -'remote' was one such term in the Resource Booklet for this Unit.

drivers, and time taken.

### Question 1 (d)

Most candidates clearly understood the nature of the question, but a large number did not get beyond Level 2, as they itemised factors from the Resource Booklet, rather than tie them together into an overview. The development of one factor (eg low pay) would automatically lead good candidates into a discussion of part-time and seasonal work, and then into the primary economy which was in decline. Most recognised this as an explanation for lack of opportunity for young adults; a few interpreted it as being about birth rates and delayed marriage, and scored few if any marks. Most mentioned the drift or 'brain drain' of those away from the region to university and subsequent employment in large cities in Scotland or elsewhere in the UK. Others referred to the shortage of skilled employment in the region, together with rural isolation. A few wrote about expensive house prices and a profusion of second home owners driving up house prices; although some impacts of tourism were discussed in the Resource Booklet, these impacts have not been felt generally, and property is cheaper than the UK as a whole, as the Resource Booklet made clear. The strongest answers, such as the one below, linked factors together to give an overview of the prospects for young adults.

\*(d) Study Figure 7 in the Resource Booklet. Explain why there are relatively fewer people in the 20-29 age group in the region. (6) NRI phoit are ers 10 been we CALCA 011 M Mercye Locit Protes

else 065 Wave ergeriana stencing 1065 TREENL 01 (Total for Question 1 = 16 marks)

#### TOTAL FOR SECTION A = 16 MARKS



This answer links together several factors. a) The exodus of young people for university, the small percentage who return, and the link of lack of professional and skilled jobs in the region, exemplified with data about the RAF.

b) The seasonal and low-paid nature of most jobs, again illustrated with data. By developing these two points well, the candidate produces a level 3 answer. This is reinforced with the use of geographical terminology, eg tertiary and quaternary jobs, cohort, etc, and well structured syntax and accurate grammar.

Results Plus Examiner Tip

The key to reaching level 3 is:

a) To develop answers well by linking together factors into an overview. You do not need many factors - two factors, well developed, can earn you 6 marks.

b) Use geographical terminology.

c) Sequence the answer into paragraphs and full sentences.

### Question 2 (a)

Although this question was generally done well, a large number of candidates only scored 1 mark; although they understood that over-fishing was taking or catching too many fish, they omitted any supporting reason. Those who scored 2 marks explained that breeding would not occur for the fish to replenish and this would lead to a fall in stocks. Many used the term 'unsustainable' or wrote about prospects for future fish stocks. A few scored 0 marks for writing about fishing methods. Few referred to "adult fish" or gave examples of over-fished species eg cod, herring.

Section B – Understanding the issues
Use Section B in the Resource Booklet to answer this question.
(a) Define the term <b>overfishing</b> . (2)
Overtsling is foling too hundr causing fish stocks to dechie It seen 4 allow the species to reproduce and
so the stades durindle and fish lecare scance
ResultsPlus
Examiner Comments This is a classic answer for 2 marks; it defines over-fishing in terms of fishing too much, but also in terms of the inability of the fish population to reproduce itself.
Results Plus Examiner Tip Do not bother rote learning 40 italicised words, but do get a general understanding of each italicised term which you can phrase in your own words.

### Question 2 (b)

The vast majority of candidates referred to the 4 policies in Figure 13. The most common was that Scottish boats could fish in EU waters plus a named area, eg Spain, developed to show how they could catch more or more diverse fish, or could overcome the fact that their own stocks were low. A few mentioned quotas, mesh size, and compensation payments when governments forced no fishing policies. With problems, many who wrote about EU waters then only scored 1 mark by using phrases like "other countries' waters or wider territories." Most wrote about how EU boats could fish in UK or Scottish waters, but did not develop this to suggest how over-fishing might result. A few candidates wrote about being allowed to fish for only 4-5 months from page 10 of the Resource Booklet, but did not develop this for a second mark.

(b) Explain <b>one</b> wa	y in which the regi	on's fishing boat o	wners gain from El	J policies. (2)
Scottish	çishing	bouts	can gish	anywhere
En the	En gi	ring them	n - mere	Cheremander area
to cover		.0		lan propit
more.		/		

Results Plus Examiner Comments A clear answer, developed with two statements 'to give them more area to cover more fish', and 'so they can profit more'.



Remember how to develop an answer for 2 marks, just the same as if it was worth more.

### Question 2 (c)

This question attracted plenty of description of trawling, its methods, issues such as bycatch and damage caused by beam trawling. Weaker candidates tended to leave it at that which, at best, would get them into level 2. The strongest candidates used terminology from learning about ecosystems, and linked these factors to habitat destruction, reduced breeding, food chain disruption, and depletion or potential extinction of species.

\*(c) Describe how modern fishing methods are destroying the North Sea's marine ecosystem. (6) Modern fishing methods are destroying the North sea's navene ecosystem because techanogy for fishing is increasing repidly. The use of harge boats to catch more fish is reducing the amount of time the fish have to reproduce the large number This is because the large boarts can pinpant shoals of fish accuratly using radar (page 10) This muses up the ecosystem around the fish because of the loud the cost Monever EU parces engines on nove sain and put is fishing quota which allow the boats to do fishing 4-5 months per year Beam traveling is also becoming a huge problem in the fact that although it catches fish their rest on the sea bedr it also brings up the sea floor ecosystem as well - destraying it, Depending on the mert depends on what gets cauget, however

protected speciel such as dophing and
whales are still getting caught up



Examiner Comments

This answer develops two points to reach 6 marks – each of them is well developed.

a) Linking large boats and their use of technology to over-fishing of large shoals and reduced breeding potential.

b) The impact of beam trawling and its destruction of the sea floor, linked to mesh size of nets.



Think of 6-mark questions as opportunities to write about two or three things in depth – do not think of it as requiring 6 points to get the marks. Look at how this answer ties together all the factors into two main paragraphs.

### Question 2 (d)

The addition of a 9-mark question to Section B (as well as that in Section C) and additional space did not faze candidates, nor did they feel obliged to fill all the space provided. Some very good responses emerged, such as the one below. Generally, there were good descriptions of problems, eg part-time/seasonal employment linked to the decline in primary employment and the threat to employment in food processing if the decline in fishing were to continue.

The lack of a knowledge economy offering quaternary employment was also well explained. Weaker candidates tended to describe without any explanation or simply string together several descriptive statements from the Resource Booklet without further comment, and could not access beyond mid-Level 2 for 5 marks. However, stronger candidates linked several of these factors together well, using data from Resource Booklet, together with the negative effects of migrant workers and problems caused by an ageing population.

\*(d) Apart from its remoteness, this region has many reasons for its employment problems. Using the resources on pages 14-19, explain these problems. (9) mai lowe Ohi Ore Obtain trough to overbu memployment Marci Show from Jonoon Thoce US 15 tigere decressos hishimu Indiohu 05 COR Loor Good 1 construction

also Tertiary sobs decline RAF the in N cs 20% it s work Or hove force. ON they gous the lead ord crott more This education Jobs bи time fle med em Stown ower UKS M and mu The 14 10



This is an excellent answer which earned the full 9 marks. It is well organised into paragraphs, each of which discusses a different aspect of employment problems.

Each paragraph links together factors and gives a detailed overview of seasonal employment, for example.



Plan your answer into three or four paragraphs; it will give your answer a greater sense of direction, and will avoid you writing down 'whatever comes next' from your head.

### Question 3

The 9 mark loading for Question 3a gave many candidates a chance to excel, without at the same time fazing weaker candidates unduly; the requirement to justify their choice served to keep even relatively weak responses on track. Even though many candidates go into the examination with a clear idea of their choice, the most able candidates write cogent arguments which are of top quality. Most strong candidates scored 6 or above on this question, notwithstanding the time factor which led to a few rushed answers (often reflected in the use of bullet or hastily scribbled points). Some candidates reached 8 or 9 marks with outstanding answers, which were coherent and well-reasoned. Like Question 2(d), one of the main discriminators was the degree of 'lift' from the Resource Booklet, with weaker responses 'lifting' statements from the Resource Booklet direct, or simply stringing a few extracted sentences together with no further comment. Strong answers came from all three options; Option B was by far the most popular, and the strongest candidates evaluated it well, setting short-term losses in initial employment against long-term gains and sustainability. Strong candidates wrote consistent arguments and recognised weaknesses by discussing disadvantages.

It is worth stating that the command word 'justify' can be achieved in many ways. Some candidates explored fully all the advantages of their selected option in detail. Some very good answers compared all the factors about their choice to other options available, discounting these others with their disadvantages. Both approaches are fully justified, and candidates could score 9 marks by taking either of these routes. Either way, the requirement is for well developed statements to reach level 3.

In Question 3b, a significant number of candidates were caught out by timing and did not complete it fully; this is a pity as those who organised their time were able to score highly. Option F was the most popular choice, but by a smaller margin than the dominance of Option B in Question 3(a). Some candidates tended to describe their option choice in their own words, without the application to the question, and were thus restricted to level 1. The strongest answers evaluated their chosen option against the likely impacts on either preventing the region's 'brain drain' or in attracting back skilled or professional workers. Most recognised the importance of improving the infrastructure and how economic stimulus could, if successful, lead to a multiplier effect. Many recognised that the closure of the RAF Base at Kinloss would not necessarily be compensated for by a boom in tourism, and so discussed whether tourism was actually the answer – would it simply enhance a seasonal, part-time, low wage economy? In spite of timing issues, some candidates did well enough on this question to stage a late recovery in their overall mark.

#### Section C - Options for the future

- 3 Study the options on page 24 in the Resource Booklet in order to answer Section C.
  - \*(a) Choose **one** fishing option (**A**, **B** or **C**) which you think would be best for this region's future.
    - Chosen fishing option: B

Justify your choice as the best option for the region's future.

(9)

1 think that option B would be the best option for the fishing industry

for a variety of new ens, the it has meny advantages but also

Some dusadiantages.

A North sea marine restarche would grue as the the chance of over and threatened fished Vzpecies and natural ecosystems to regenerate and recover Completely closing some areas to fishing were for the porseable fulture would protect sensitive habitats from the destructive fishing methods & The to estimates that 90% of the oceans have hardly any fish left. can be fished again, in the long term this would execte fishing jobs that could sustain blay earch figh and could work well with option & as making the region a food hotspot which in the long run could prenease tourism to the area and creat jobs However, this would neate short ferm unensplayement as publing areas would be restricted, but some parts of the reserve could be open to Small-scale, non-destructive fishing, but the catch sizes wouldon't be a by and the money made would be smaller To conclude, I thank that option B will be the best option because it will give areas a chance to regenerate and is the best for the environment, and in the long term, best for employement in evolung.

*(b) Choose one employment option (D, E or F) which you think would be best for this region's future.
Chosen employment option:
Explain how your chosen option could affect people under 35. (6)
Making the region a business be demengement zone wound effect
people under 35 because it would marease the amount of
high shaled and sense shutted jobs where and higher paid, than
the unskilled, and seasonal ones circuitiable at the moment.

Improving the regions road and rail intrastructure would connected it with the sest of the UK and encourage bussinesses to take up residence resin old converted fishing harbour buildings into oppuises. This would influence the people aged under 35, because at the moment over 2 19% of people as had return to the region after university but this eight could decreeve if there as mene more high & spalled and high pould jobs that they are qualified for which could convince them to stay on the region. 14 broadband connectinty was imprend theme could be anot ap nome-based be as jobs (e.g. 14) that caud onemence the under 35's in to staying axwell,

To conclude, option E would convince people coming of

out ap university to stay in the region and cuark on the high shalled

any and was poss paid jabs the region would have to affer.

(Total for Question 3 = 15 marks)

#### TOTAL FOR SECTION C = 15 MARKS TOTAL FOR PAPER = 50 MARKS

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#### Examiner Comments

This is a strong answer, particularly for question 3a, for which it scored the full 9 marks. Note that it does not fill all the space given. It is a wellorganised response, with a clear environmental justification for option B, whilst also noting its disadvantage in terms of short-term loss of employment. Each set of statements is coherent and well developed, with a good overview of each factor.

The response to question 3b is still Level 3, though it was awarded 5 marks instead of the full 6; there is no mention of the importance of improvements to the infrastructure which will be essential if option F is to take off.

## **Results**Plus

Examiner Tip Note - you do not have to fill all the space. What is required is quality - a good overview of the reasons for choosing the option, and some recognition that it may have disadvantages too. Alternatively, this candidate could have compared it with other options; either approach is suitable and could get a candidate full marks.

### Paper Summary

The following points may prove helpful to teachers, both as feedback to candidates for this examination, and in advising candidates in future years:

#### 1. Mark allocation

Questions of 5 marks or fewer (the minority on this Tier) are point-marked; those over 6 marks (the majority) are levelled. Statements that make points clearly will be credited. However, one feature common to both point- and level-marked questions is the need to **develop** answers. Even on shorter questions for, say, 3 marks (e.g. Question 1cii), markers are instructed to credit developed answers i.e. those that extend beyond basic statements. For example, in that question, 'there are no major towns or cities in the region (1) which makes it difficult to develop a market for products (1)' earns 2 marks; further extension of the answer so that it becomes 'well developed' could be 'there are no major towns or cities in the region (1) which makes it difficult to develop a market for products (1)' earns 2 marks; further extension of the answer so that it becomes 'well developed' could be 'there are no major towns or cities in the region (1) which makes it difficult to develop a market for products (1)' earns 2 marks; further extension of the answer so that it becomes 'well developed' could be 'there are no major towns or cities in the region (1) which makes it difficult to develop a market for products (1) or find enough skilled workers (1)'.

'Developed' answers can be achieved by using:

a) Exemplification. In question 1(b), the use of data can be used to illustrate differences between the climate of Kinloss in the region and Kinlochewe in western Scotland.

b) Expansion. Even on shorter questions for, say, 3 marks (eg question 1cii), markers are instructed to credit developed answers which expand basic statements. For example, in that question, 'there are no major towns or cities in the region (1) which makes it difficult to develop a market for products (1)' earns 2 marks; further extension of the answer so that it becomes 'well developed' could be 'there are no major towns or cities in the region (1) which makes it difficult to develop a market for products (1)'.

In the case of well developed answers, 3 marks can be achieved for developing a single factor. The guidance points given in the structure of some questions is there to assist candidates; markers are instructed to credit fully developed answers.

The importance of developing statements cannot be over-stated; markers look for developed answers in looking for evidence of candidate achievement above Level 1, and for well developed statements as evidence of achievement in level 3. Some of the examples of responses used in this report act as models in this respect.

#### 2. Timing

The paper is demanding in 60 minutes, though the majority of candidates did complete the examination, including some very high quality candidates who wrote at length. It will help prepare candidates for future examinations if teachers:

a) Practice timed answers with their candidates.

b) Help to keep candidates focused on the requirements of questions.

#### 3. Key terms

The italicised terms are central to the issue in the examination. It is less important that candidates rote learn definitions than they understand their general meaning and sense. With 40 italicised terms in this year's Resource Booklet, only one was directly assessed by definition, but examiners do expect to be able to use the terms in questions, and candidates are expected to be able to use them as evidence towards the assessment of Quality of Written Communication (QWC), of which geographical language and terminology is an important element.

#### 4. 'Lifted' material

Many candidates wrote at length, but a few 'lifted' material direct from the booklet, or in ways that did not actually process the data. For example, many candidates – asked to explain the employment problems in the region for question 2(d) – simply 'lifted' (ie copied verbatim) a number of extracted statements from the Resource Booklet, and gained few if any marks for doing so. Candidates who lift material verbatim from the booklet and no more (as opposed to using details as evidence) restrict themselves to level 1 in levelled mark schemes. By contrast, even brief but focused answers of just a few lines could access at least the top of Level 2. Encourage candidates to write less but in a more focused way directed at the question.

For example, a response to question 2(d) might mention:

- Low wages
- The decline in full-time and increase in part-time employment
- The lack of skilled or high wage professional / managerial employment
- Seasonal unemployment

Some candidates simply listed points such as this, without any further development or explanation. This would merely describe problems, without explanation. One of the main differences between this and Foundation Tier is the use of 'explain' as a command word. Teachers are encouraged to help candidates explain issues – in this case how the primary economy has led to the three other problems above.

#### 5. Handling Section C

Teachers can prepare candidates in developing reasoned answers for questions in Section C. Options in Section C of the Resource Booklet will always form the focus for Section C in the examination. Pre-prepared learned answers are not helpful, because candidates may find the actual questions different, but those who practise reasoned and well-evidenced analysis of the options do stand out. Similarly, teachers should not encourage candidates to believe that there is any preference shown by markers towards particular options. All options were reasoned choices, each having its supporters in Scotland itself; none was 'fictionalised' for the sake of the examination. Encourage candidates to take an individual view, and discourage them from thinking that there is a 'right' and 'wrong' option. Some of the highest quality responses came from candidates who made strong cases for less popular choices (e.g. option A).

#### 6. Preparation

Finally, it is important that candidates enter the examination having had the benefit of 10-15 hours preparation. In the first examination cycle, it is only to be expected that Units 1 and 2 will take longer to teach than in subsequent years. Evidence from a small trial of one of the SAMS examinations for Unit 3, together with the examination in June 2010, showed a correlation between high standards reached by candidates in schools who used the required preparation time, and the much lower performances of those candidates who had less. Similarly, the publication of the Resource Booklet, and a PowerPoint of all the images contained within it, enabled some teachers to draw upon Scotland as an example for use in teaching Unit 1 Topic 7 ('Oceans on the Edge'), thereby preparing candidates even better. Edexcel will be offering training sessions during the coming year which will enable teachers to plan how to use preparation time appropriately.

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