



Examiners' Report January 2013

GCSE Geography 5GB2H

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### **Introduction**

Centres are now comfortable and confident with most aspects of this specification and this paper. There remain darker corners where candidates struggle with some of the terminology and produce answers that are not much more than reworked versions of the question, especially on topics 3, 7 and 8. However there is a good deal of very sound Geography on display with increasingly secure skills shown in responding to the (a) parts of questions. Most candidates are now comfortable with describing distributions and patterns, and while less secure in interpreting divided bar graphs and line graphs, they are making progress.

Understanding the way that mark schemes work is vital especially in distinguishing between the two-mark 'Outline one...' type question and the open-ended 'Describe...' . On the longer responses, careful deconstruction of the question is central to success. Candidates who just write about their 'case studies' without tailoring that knowledge to the question would not get beyond Level 2. Once again, it would help candidates to be acquainted with the mark schemes for these questions to help them better appreciate the concept of 'levels' marking. It seems odd to prepare candidates for an examination without telling them how they are to be examined.

### Question 1(a)

As is generally the case with this type of 'pattern' question, there were two dominant approaches. Those who took something of a 'Cooks' tour' were rewarded for dutifully 'plodding' around the map quoting numbers as were those who recognised that a pattern is, in effect, the relationship between places. These candidates often manipulated the figures provided and, for example, saw a gain of 265,000 as opposed to losses of 236,000.

#### 1 Study Figure 1.

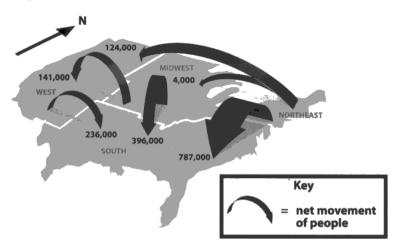


Figure 1 - Net regional migration in the USA, 2005-7

(a) Describe the pattern of net migration to and from the 'west' region.

More people are entering the west as 265'000 people have entered and only 236'000 have left thing this means the population has increased.



This is a good answer with a clear view and manipulation of data.



Remember that this type of question is **never** going to ask for reasons. They are used to test the skill of describing different types of data.

### Question 1(b)

The emboldening of 'want' was largely effective and we thus avoided answers about government policies. However, some were able to turn this knowledge to their advantage by surmising that because of various state benefits from paternity leave to 'free' apartments, motivation would shift towards larger families – not an unwarranted argument. What is most encouraging here is the number of candidates who now recognise that desire for larger numbers of children makes perfect economic sense in many circumstances. This is a far cry from the days when many saw 'better contraception' as the main method of delivering lower birth rates. There were many good answers.

(b) Outline one reason why, in some countries, parents want large families. Increuse.

(2)

(2)

(3)

(4) Be infund metholisty is low, so Shere is a change of busies puring among methods summing them people usual have many hidren so that they have summing children. In wanting among the many of men mency of the guernment.



This is an unusual answer but has a point and an extension for both marks.



Remember to offer only one reason for the 'Outline one...' type questions.

### Question 1(c)

lore.

It is clearly a truism to reiterate that it is important for candidates to know their geographical terminology not just for their answers but, of course, to aid their comprehension of questions. Those who understood the phrase 'population structure' had no difficulty at all with this straightforward question and offered 'a wider base' and a 'thinner top' with reasons drawn from variable birth, death and infant mortality rates. Those that did not often wrote strong responses to different questions, generally about the processes; the most popular being 'Explain why birth rates are higher in developing countries than in the developed world'.

(c) Explain two differences between the population structures of very poor developing countries and rich developed countries.

You may draw a diagram to help your answer.

The population structure of very poor developing countries has high

(4)

death rates and high when rates the

Mhere 26 a developed country nos

Very high birth rate because people can get to cotted when they are sick and contraception is savailable (Total for Question 1 = 8 marks)



These are explanations not descriptions.



Make sure that the command word in the question is understood.

### Question 2(a)

There were many excellent answers to this question. In general, skills have improved sharply over the (short) lifetime of this specification and it was reflected here. Most candidates got the hang of the divided bar chart and spotted how significant the rise of Chinese demand has been. Strictly speaking, they did not really need to do this given the focus on 'global demand', but it was a legitimate point to make nonetheless. Many candidates started with an overview about 'it rising over time' followed by observing how the increase since the 1980s has been very rapid for a second mark.

#### 2 Study Figure 2.

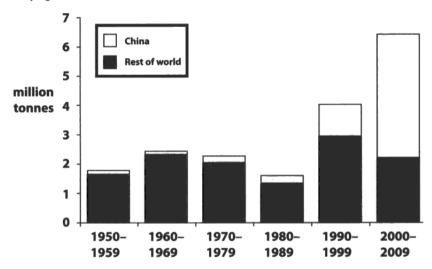


Figure 2 - Global demand for copper 1950-2009

(a) Describe the changes in global demand for copper.

The global demand for copper has decreased in 2000 - 2000 compared to 1990 - 1999. The dumand in 1990 - 1999 was the hightest for the rest of the world. Chinais demand for capper has increased dramatically in 2000-2009. 1980 - 1980 has the heads we for global demand in cappe.



This is a good answer that covers the points.



This type of divided bar chart needs care. A common error is to mismeasure the parts that make up the whole.

(3)

# Question 2(b)

The key to success here was to unlock the term 'sustainability' and link it together with how the development of a renewable resource might relate to this. Those who found the route were able to make a connection between, eg the development of solar energy with the reduction in use of fossil fuels that in turn might help to reduce  $CO_2$  emissions in attempts to grapple with climate change. Some candidates wrongly assumed that sustainability speaks for itself and missed the 'third' mark as a consequence.

(b) Describe how developing **renewable** resources might help achieve sustainability.

By dereloping wind fams it means that we don't need to use as many fossil fuels (which can't be replaced) to produce energy. Since wind will never our out it's sustainable because it doesn't stop future generations from meeting their energy needs.



This candidate has a clear idea of what all the terms mean.



Try not to re-use the words in the question. If you need to show that you understand a term, try to describe it in different words.

# Question 2(c)

This question, or something very similar, has been asked before. Centres are getting stronger in their delivery of the two competing population theories, but it is fair to remark that Malthus, with its emphasis on death and destruction, is better understood than the optimistic Boserupian position. Despite many good answers, the missing element for many remains that population pressure is a necessary precursor of human progress, ie the view that without it, we simply do not make technological breakthroughs, making population growth an essential element in human 'progress'.

(c) Outline one way that population growth might lead to solutions for resource shortages.

As the population grows more jobs are available in the tertiary and quaternary sector, therefore more solutions can be created. This was Boserup's theory and it has been proved correct as solutions such as GM (rotal for Question 2 = 8 marks)

This response is not quite right, but has a le

This response is not quite right, but has a legitimate idea and a development.



It is really important to know the relevant theories. There are not many, but make sure you recognise Malthus and Boserup when they crop up in questions.

# Question 3(a)(i)

Candidates' basic geographical knowledge is an important assumption when setting this type of 'skills question' and most showed themselves to be capable enough of finding the words to describe this cluster of 'easiest' cities in south-east England.

Easiest cities to find a job:

Rank City
1 Cambridge 2 Sunderland
3 Reading 3 Wirral
4 London 5 Oxford 6 Mildlesbrough 6 Belfast 7 Southend
8 Guildford 9 Southampton 10 Maidstone

Key
1 easiest cities
1 hardest cities
1 hardest cities
1 Rank 10 Parket 10 P

Figure 3 - The easiest and hardest UK cities in which to find jobs

(a) (i) Identify **one** feature of the distribution of 'easiest' cities.

There onostly on the south east of



This is a typical correct response.



When you describe distributions, remember they are either even or uneven and that you'll get credit for that point.

# Question 3(a)(ii)

This distribution is slightly harder to describe. Many opted for 'coastal' as the best generic descriptor, not unreasonably so. Others spotted the fact they were/are more dispersed than the 'easiest' cities and found the right words to convey that idea. Just a few struggled with the taxonomic jungle of 'British Isles', 'Britain' and 'United Kingdom', and a small number assumed that the UK and England are the same thing.

(ii) Identify one feature of the distribution of 'hardest' cities.

they are mainly near/around the coasts, away from the Capital, London.



Both points made by this candidate are correct – fortunately.



Be careful not to include two ideas when asked for one as only the first will be accepted.

# Question 3(b)

The vast majority of candidates were able to cover a legitimate 'action' and link it effectively with an increase in sustainability. Improving public transport was a popular option as was the installation of solar panels. Mistakes arose when shared common knowledge was assumed and details omitted as in ' do what they did in BedZED' type responses.

(b) Describe one way of making a more sustainable living space.

(2)

one way of making a sustainable living space
is having an sciar panew these are more
sustainable because it uses sun light, doesn't
create co2 and generates electricity for the



This response offers solar panels and an idea of how these help sustainability.



Know your key terms. Sustainable is certainly one of them!

### Question 3(c)

This is a very well-known 'case study' topic and was strongly answered. The focus of the question was on the choices that people make, which of course allowed positive factors as well as negative factors to be addressed. Strictly speaking, the improvements in communications and the transference of pensions are facilitating factors that don't impel people to retire overseas, but simply make it more practical to do so; nonetheless these were included on the mark scheme. The most obvious weakness was a tendency to use imprecise language such as 'seeking a better life' without identifying what would be better about it. Some might add that, in reality, this same error has been made some of migrants.

(c) Explain why some people choose to move abroad when they retire.

(4)

Some people anose to move obroad because it's a new start to use another to start fresh or to move and live with their family. People also move abroad because the cost of living is eneaper than it is in the lix is the medical care is also cheaper abroad so this will be sowing the money. But sometimes people retire about because they want to settle down and have a quiet be un the sun.



This has a range of ideas – just enough for the four marks.



Do not rewrite the question. No marks are given for that! Just get on with the answer.

### Question 4(a)

Describing a relationship between two sets of data is quite demanding so it was very encouraging to read so many strong responses here. Many saw that it was in general negative, although some, having spotted that the larger the informal economy the smaller the GDP, could not resist suggesting why this was likely to be the case, offering excellent answers to a quite different question. The habit of deconstructing questions using a highlighter or judicious underlining is obviously growing, which is commendable, but not all candidates take their own advice. Thus the heavy highlighting of 'Describe...' is followed by an answer that insists on explaining instead.

#### 4 Study Figure 4.

Country	Size of the informal economy (% share of the GDP)	GDP per person (in US dollars \$)	
Bolivia (South America)	67.1	4604 🗸	
Nigeria (Africa)	57.9	2437	
Zambia (Africa)	48.9	1516 κ	
Russia (Europe)	46.1	15612 🗸	
Bulgaria (Europe)	36.9	12934	
South Africa (Africa)	28.4	10518	
Spain (Europe)	22.6	29830	
United Kingdom (Europe)	12.6	35059	

Figure 4 – The size of the informal economy and Gross Domestic Product (GDP)

per person for selected countries

(a) Describe the relationship between the size of the informal economy and GDP per

As a general petern the smaller the size of the injured examp, the larger the GDP per person (e.s. 67.1% in 12.6% in 12.



Relationship – detail – anomaly for three marks.



You will always get a mark for data.

### Question 4(b)

The intention of this question was for candidates to address the motivation behind a growth in 'green' employment and many offered the view that citizens were more concerned about the future or that governments saw it as a necessary obligation. Levels of sophistication varied in expressing this idea. A minority saw, less convincingly, 'green' employment as a necessary route to the replacement of traditional jobs. In other words, these would grow as other sectors declined.

(b) Outline **one** reason why 'green' employment may become more important in the future

(2)

green employment may be com more in portand in the future be cacause of the more demands on the industry wich hears it is more likes to be an more important in the future.



This answer dos not focus on anything that is really understandable – more important because it is more important!



Avoid making obvious statements such as 'it is green because it is not red' in explanations.

### Question 4(c)

As with Q1(c), the key here was to correctly understand the key phrase in the question, specifically 'employment structure'. Most candidates could address employment in general but a smaller number saw this, correctly, as being about the categories that they had dutifully learnt. However, the most critical error in what proved to be quite a large number of disappointing answers was the tautology of so many candidates who 'explained' the growth of the secondary sector, or indeed the decline of the primary sector, in terms of 'development' as in 'because they are developing, manufacturing industry is growing'. This makes changing 'employment structures' more or less beyond human control and, as with the human ageing process, largely unavoidable – clearly untrue. The best route forward was to think in terms of either TNC activity or, as several did, how important governments had been in pushing through industrialisation programmes, as in China.

(c) Explain one difference between the employment structures of an industrialising and a de-industrialising country.

Difference Industrialising Combines Contain many informat Jobs componed to de-industrialising commons.

Industrialising Histico has created thousands of informat Jobs where taxes wen't getting paid.

De-industrialising contries contain many Truc's which begin to obscure in other countries which brings the contain and companies large profits, increasing economic value.



The problem with this response is that it fails to identify the main focus. The phrase 'in other countries' epitomises this with its failure to identify 'industrialising countries'.



Make sure that you understand phrases such as 'employment structure'.

# Question 5(a)(i)

The vast majority of candidates found something relevant to say about this 'pattern' with an impressive number going straight for the overview that 'it is very uneven'. However, the majority opted for the large clusters to the east and west of London as being the most conspicuous element of this distribution.

#### 5 Study Figure 5.



Key

= Small landfill sites

= Large landfill sites

Figure 5 - Landfill sites in and around London

(a) (i) Identify one main feature of the pattern of landfill sites.

There are more large loadfills around the outskits of London towards the & East and Elest regions.



This was the commonest response.



Patterns cannot be described by identifying one place.

# Question 5(a)(ii)

This was well answered with many excellent references to legitimate geographical considerations involving distances, space, the malodorous nature of landfill and many other plausible reasons. The few errors that crept in were a tendency to reverse a simple idea (eg 'as in no space in the city itself' and 'a lot of space on the outskirts') or, for a few, a misunderstanding of the term 'landfill'.

(ii) Suggest two possible reasons for the pattern of landfill sites on Figure 5.

1 Cities like london dump all the waste in nearby cities as they cannot store in their bondaries 2 large landful sites are in the east Dagenham because there is a lot of wasted space (open space which is unused.



It would be very helpful if the terminology was better understood ('nearby cities'?). However the ideas are legitimate.



Do not give three reasons when two are asked for.

# Question 5(b)

The key here was for candidates to explore both the variety of ways in which ecofootprints can be broken down, and to illustrate how the wealth of the developed
world led to more waste and more consumption of larger amounts of 'virtual' land.
Some took a different line that was ultimately self-limiting, ie the erroneous view that
average footprint is higher in the developing world because these countries are
industrialising fast which 'creates much pollution', whereas the developed world has
cleaned up its environment so has a lower footprint. As with other topics, it would be
really helpful if centres guided candidates through this topic paying due attention to
the differences between general impacts on the environment, the absolute impact of a
large population and average (per capita) patterns of consumption.

\*(b) Explain the differences between the <u>eco-footprints</u> of people living in the <u>developing world</u> and those living in the <u>developed world</u>.

There may be a greater amount of eco-footprint of people living in the developed world due to them naving more wealth so more people have cars which give off CO2 which is bad for the environment and increases eas-footprint. More food may also be transported in which would create larger amount of food miles which again generates eas-footprint nowever, in developing worlds people may not have access to cars or transport so they would have a lower eco-footprint and carbon footprint. Less developed countries may also have to grow white food e.g. Birar, have so onere would be no food nows. Since the more renewable restricted for question 5 = 9 marks) e.g. Biogas so create more renewable way for giving them electricity.

\*There may also be a larger amount of waste e.g. 27 million tonnes of waste bardon each year.



This strong response needs just a little more explanation for the sixth mark.



Concentrate on the words in the questions – in this case 'differences'.

### Question 6(a)(i)

As with Q5(a)(i), the vast majority of candidates found something relevant to say about this 'pattern' with an impressive number going straight for the overview that 'it is very uneven'. The most common feature identified was the loss of population predicted for north-east Germany.

6 Study Figure 6.

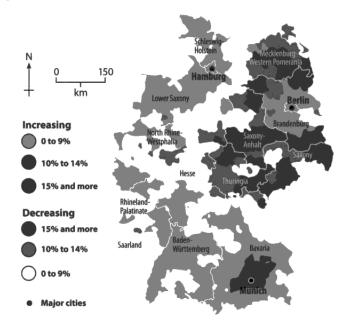


Figure 6 - Predicted population change (percentage) in Germany

(a) (i) Identify one main feature of the pattern of predicted population change.

largest predicted change is in Munich eastern Germany:



... but who knows what the change actually is?



Be explicit - if in doubt, state the obvious.

# Question 6(a)(ii)

Explanations were often a little disconnected with reality and did not focus so much on the movement of people but preferred to speculate on differences in more unlikely variables in the context of developed countries.

(ii) Suggest one possible reason for the pattern of predicted population change on Figure 6.

(2)

People from cale rural arcs are moving to mark uchan areas in order to find work in the city and to make more movey.



This is a legitimate idea supported by a reason for both marks.



If the questions asks for a 'possible' reason, you are not expected to know anything about that the particular place on the resource.

# Question 6(b)

This is a familiar and well-trodden case study for candidates and many had useful things to say about the issues that confront some rural areas. Thus the strongest element of many answers was the identification of the problem, but candidates were often less good at identifying an appropriate management strategy that would help address it. So rural depopulation was 'solved' by 'building more houses' or, rather better, traffic congestion in honeypot sites was 'solved' by more public transport, without any development on the theme. In terms of as accessing Level 3, the most pertinent obstacle was the lack of clarity over the link with sustainability. Of course that could be seen in any one of economic, social or environmental terms, and it was the latter category that tended to feature most.

*(b) For a named rural area, explain how it could be managed more sustainably in the future.
(6)
Named rural area Lake district
The lake district could be managed more
sustainably by only allowing people to buy
second homes if they are to live in it over
a certain period of time or rent it out
Which will stop & local bussnosses going under,
Anouther way 15 by lecal fours to
diversify and offer other services such as
quadbiking, which will bring more money in
eluring the summer mountly One other thing
is by Stopping people and Offering other paths
through the lake district to stop path enough



This is a bit of a wish list without much idea about how it could be achieved.



Be sensitive to the idea that it is people who manage – planners and government officials.

### Question 7(a)

This was quite a demanding skill for candidates who are not in the habit of comparing data sets and are inclined, even when asked to do so, to describe them as discrete entities. There were a number of excellent responses that saw the key changes in the relationship between environmental and economic concerns. Of course, some could not resist the temptation to explain the change.

(a) Compare the changes in the opinions shown.

(3)

From 1993 to 2000, a history parameter of people thought

Most promoting the amount formula opinions one from around 25% to

45% in 2003. This rose even higher and over both emission connected

arterion in 2011 with 55% of people working to build the



This is a strong answer that showed an appreciation of the relationship between the two opinions.



The keywords matter. 'Compare the changes...' is not the same as 'Describe both...'.

# Question 7(b)

Once again this is familiar territory for candidates, so answers were often impressive in terms of facts and details about top-down development projects. Stronger candidates identified positive and negative elements. However, this was seen as enough for many candidates who rather left it to the reader to sort out 'why' top-down projects might result is a very variable pattern of impacts on different groups of people. For these, it was taken as self-evident that they did so rather than a consequence of the nature of the beast, so to speak. So there were many Level 2 answers that with just the slightest adjustment would have become Level 3.

\*(b) Explain why top-down development projects can have both negative and positive impacts.

Top down development projects such as the Asian don in

Egypt can have positive and regative effects. The possitive

effects of the dan were that it provided mast of Egypt

with water and electricity, as a revenable resource, which
adde to sustainability. Also the dan created lake wasser, which
is now a thriving habitat for many forms of wildlife. The

negatives of Top down schemes the thirty are often

costly. The dan byt Egypt in ove-fillbillion of debt. It

allso forced many people, including the rative tribe the

Notions of the land. Finally, the dan stopped the flow

of silt through the river, and this was essential for fortilising. Soil, Formers new and to use costly, culternative artificial

fertilising. Soil, Formers new and to use costly, culternative artificial

fertiliser, which would total for spelling, punctuation and grammar = 3 marks)

decrease their profits.

(Total for Question 7 = 12 marks)



This is a very competent response with a good range of ideas and sensible 'explanations'.



In a 'negative and positive' or any other 'yes and no' type question, try to achieve a balance.

### Question 8(a)

As with Q7(a), this was quite a demanding skill for candidates who are not in the habit of comparing data sets and are inclined, even when asked to do so, to describe them as discrete entities. There were a number of excellent responses that saw the key differences between the two sets of cities, but a disappointing number really struggled to 'see' that there were more European cities than Asian represented and add some data and detail to that. A very substantial number ignored description altogether and went straight into irrelevant explanation.

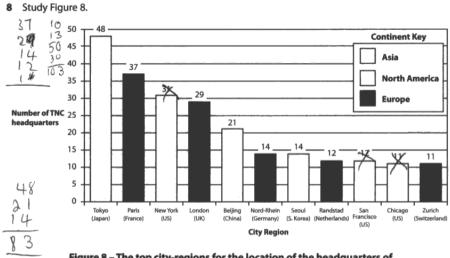


Figure 8 – The top city-regions for the location of the headquarters of large TNCs (Transnational Corporations)

(a) Compare the importance of European and Asian city-regions as locations for the headquarters of large TNCs.

European and Asian city-regions as locations

Jox: TNC to headquarters are important because

48 headquarters an are in Tokyo alone. In the
whole of Asia there is 83 TNC headquarters, they
are more spread out amongst different citybegions which is good because it means there
is less competition in one place.



This is a good answer that manipulates the data effectively.



If you can manipulate the data, then have a go, taking one figure away from another or adding them together to create a 'new' figure.

# Question 8(b)

The dominant interpretation of this question was to address, or rather describe, the rise of the secondary sector in the developing world and nothing much else. This was often quite well done with due attention paid to the role of TNCs and many candidates were able to go a little beyond a clichéd view. Those that did, added call centres, usually in India, as another growth area. However, it was disappointing that changes in the primary sector, especially agriculture, were very rarely addressed. As with Q7(b), the great weakness was a failure to address 'why' these changes might have occurred. As in other areas of the paper, changes are often seen as inevitable because that is 'just the way it is'; thus Stage 2 of a particular model (in this case Clark-Fisher) would inevitably be followed by Stage 3 without any action on the part of governments or people.

Hattl-80 \*(b) Using examples, explain why employment in developing countries has changed rout - ten in recent years. (6)Employment in deletoping countries nas changed in recent years to due to out sow and or TNCs. TNCs we Hattel hall outsourced their factory work to interest china in order to take advantage of great labour. This has increased one amount of secondary work in deletaring courties, so many people have changed man primary agricular al wore to secondary wore in Haltler, factories. in inoua, employment has also changed due to outsourcing, mics like orange hall outsourced oneur cau centres of india's curies unce Mumbar, in order to take advolutage of stack pollution laws this has increased pe anout of teniary wore in halo which means that people are earning more money on an energy previously cut win (Total for spelling, punctuation and grammar = 3 marks) agricultural work. (Total for Question 8 = 12 marks)



This is an excellent response with a wide range of ideas that are well supported. Reasons and consequences are tied together neatly.



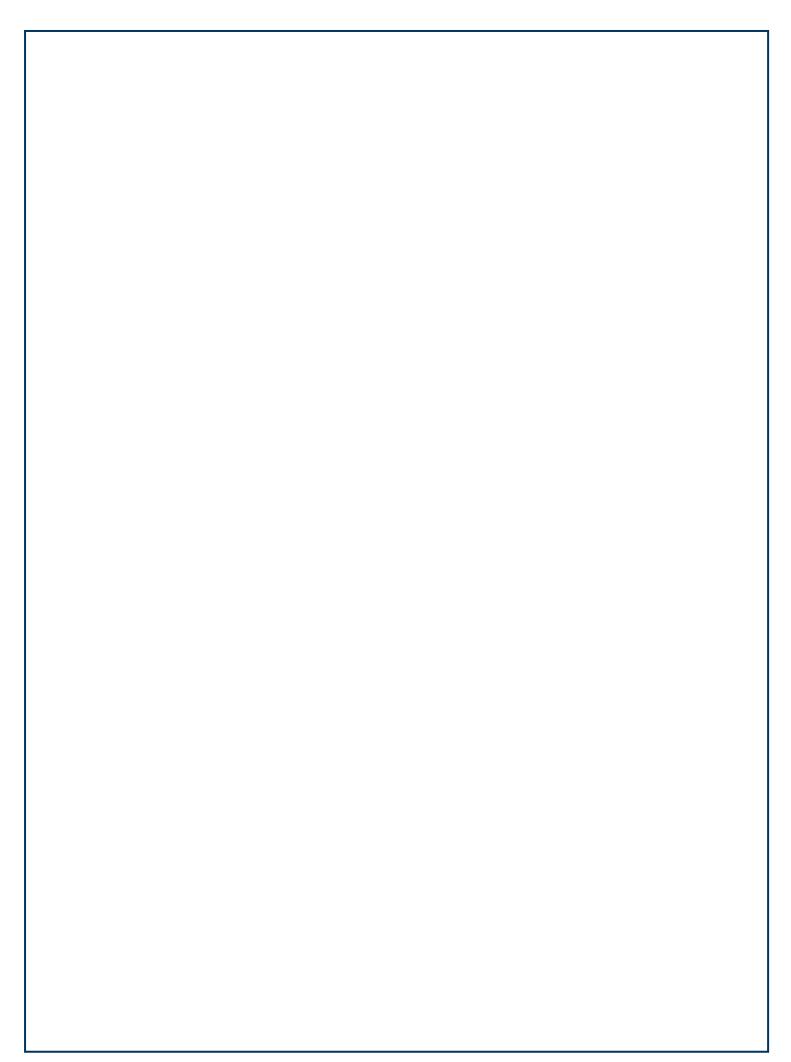
Do not forget to get the focus right - in this case it is 'change'.

# **Paper Summary**

Based on their performance on this paper, candidates are offered the following advice:

- Understand the command words: describe, outline, state, explain, compare and suggest.
- Practice responding to the command words in the context of the same material. For example, what is the difference between 'explain the changing employment structure...' and describe the changing employment structure'?
- Know case studies with at least three key facts and figures on each of them. Numeric data will almost always elevate a response.
- Know the key terms; the specification is sprinkled with them. Candidates who were unaware of the meaning of population structure, 'green employment', deindustrialisation and eco-footprint struggled on this paper.
- Understand the underpinning concept of 'sustainability' and some of its many versions, eg economic sustainability and environmental sustainability.

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