

Examiners' Report June 2022

GCE Geography 9GE0 03



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Introduction

The 2022 9GE03 paper focused on a scenario addressing the challenges facing a relatively heterogeneous and largely informal group of nation states known collectively as Small Island Developing States (SIDS). As is always the case with this paper there was no expectation that candidates had ever come across the SIDS in their studies although, of course, some may have done so. However, by using the Advanced Information, centres will have covered more than enough of the specification to provide the necessary scaffolding in terms of understanding the issues addressed in the questions with the resource booklet providing detail and data provided on the other two examination papers by AO1 'knowledge and understanding of places and environments.' It is important that centres assist their candidates in understanding the very particular structure of this paper, with the bulk of the 70 marks being made up of AO2 and AO3 marks. For example, the 21 marks attributed to the AO2 element are found exclusively in questions 5 and 6; both of which use 'evaluate' as their command word. Candidates are expected to analyse, interpret and evaluate something arising from the scenario covered in the resource booklet; in other words, they need to deconstruct the guestion effectively and arrive at an evaluative judgment. They will also be using their AO3 skills to interpret, analyse and evaluate the data provided in the booklet. In preparing candidates for this paper it is very helpful if centres make every student 'AO aware' so that they are better able to plan their answers. A review of the generic grade descriptors combined with the use of exemplar answers to better identify parts of answers where students have met one or another criteria in the mark scheme is a very productive exercise. Obviously, the scenarios are different every year but the grade descriptors do not change so past papers are very useful in completing that exercise.

It isn't possible to know how many candidates take the advice on the front cover and read through the booklet in the recommended 15 minutes, before embarking on their answers. However, there is little evidence that they struggle to complete this paper in the time allowed although there is some evidence that they should spend a little longer on question 6 than is currently the case. In a significant number of cases answers for the 18-mark q5 were a little longer than for the 24-mark q6. Obviously, length does not always correlate with quality on any one question but between questions one would expect length to reflect the question's tariff. One striking element this year was that both question 3 and question 4 encouraged candidates to explore differences as well as similarities within the SIDS group. It was an intentional focus because it was hoped that candidates who recognised that the SIDs are a more heterogeneous group than their acronym suggests would carry this important piece of information into their answers to q5 and q6. Unfortunately, the evidence suggests that very few carried that idea of diversity into their responses to these high-tariff questions. The vast majority of answers treated the SIDS as a homogeneous group when faced by the challenges of achieving sustainable development or the need for some serious response, at a global level, to climate change. That was a little surprising but not new. It was, at the outset in 2016, and continues to be, six years on, a very conscious aim of this specification to move away from simplistic and misleading categorisations and this paper often addresses this task. 'Beware the risks of categories' might be the most useful and repetitive message to convey to the candidature for all three examination papers in preparing for the challenges of 2023.

Question 1

Most candidates were able to differentiate between hazards and disasters but a much smaller number were able to 'explain' the difference in terms of the vulnerability of a population or its capacity to cope. For some the most productive route was to identify particular examples although rather too many of these ended up comparing two disasters, albeit at different scales.

1 Explain the differences between hazards and disasters.

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This was a typical 2-mark response in which the key difference was identified but it wasn't developed.



This is point-marked. Candidates need to be aware that for four marks four points need to be made.

1 Explain the differences between hazards and disasters.

A natural hazard is a percieved natural event that has the potential to course social and economic problems whereas a natural discuter is when a hazard effects a vulnerable population resulting in an indreased risk to social and coonomic issues such as high death tolls and governments becoming in debt due to needing loans The deggy model shows that an overlap between a hazard and a vulnerable Population causes a disaster An example would be a natural hazard is an earthquake whereas a discuter is the 2010 carebquake in Haiti. The harard became a duanter recovering because it caused thousands of deaths t economic devouation - they arestill



A good answer that covers the basic distinction and then adds the Degg model and the idea of vulnerability as well as illustrating this idea.

Question 2 (a)(i)

This question required the candidates to complete a calculation. They did not necessarily need to understand X² as a statistical test in order to do that but they did need to follow the instructions in the question. As in previous years a significant minority didn't offer any answer at all, which breaks a significant 'golden rule' of exam technique – the rule being that you can never lose marks.

Question 2 (a)(ii)

In this part of the question, it did help if X^2 was understood and thus it scored less highly than question 2 ai.

There were two routes to reach the correct answer and most added up 19.1+2.3+4.2+4.5+1.5 correctly to arrive at 31.6.

Question 2 (b)

This question proved to be a challenge for those with a less secure grasp of statistical testing and especially the concept of significance. The question identified the level of significance for the candidates, and some correctly noted that 99% was a very high bar; a very strong result. This suggests that the SIDS are indeed a distinctive group in terms of their environmental vulnerability. Strong responses included those that noted that further research should explore whether some measures of vulnerability might be more significant than others. Other candidates identified particular examples of this including climate change and sealevel rise. (b) The result shows that the null hypothesis should be rejected and the alternative hypothesis (shown below) accepted at the 99% confidence level.

Alternative hypothesis

There is a significant association between the level of environmental vulnerability of a state and its status as a Small Island Developing State.

Explain how this result might be used to guide further research into the environmental vulnerability of SIDS.

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As there is a 99% confidence level for the atternative hypothesis,
this shows that it is very likely environmental vulnerability is
Linked to a country's status as an SIDS. Therefore, it is evident
that SIDS are environmentally vulnerable and therefore at risk
from environmental factors such as climate and rising sea levels.
Therefore, the alternative hypothesis could be used to show that
research needs to be done to prevent environmental impacts
posing such a high risk to & SIDS. such as preventing acidification
of oceans which causes coral reef bleaching of the coast of
the Maldives, as well as slowing sea cevel rise which poses a
threat to SIDS such as kiribati (Total for Question 2 = 8 marks)



This is a good example that begins by recognising the strength of the relationship and then develops a number of examples of how this could inform future research.



Using examples from the resource booklet to develop or illustrate a point is a very productive technique on this paper as with other resource based questions elsewhere on the specification.

Question 3

The two 'analyse' questions have the same AO structure – 4 marks for analysing the material offered on one or more resources and 4 marks available for candidates to bring their own knowledge and understanding to help in that process, a mixture of skills. These translate into two grade descriptors at all three levels. Almost all candidates made an attempt to answer both of these questions, which is encouraging, with many reaching level 2.

For question 3 the most obvious reason why level 3 wasn't reached by a higher proportion of candidates was a tendency to repeat material from the resource booklet, more or less unmediated, without adding very much AO1 from their own knowledge and understanding. In other words, there wasn't enough analysis. The best examples included references that contrasted the relatively but not exclusively small land areas with the sometimes enormous marine areas (EEZ's). Others noted very considerable variations in locations and levels of isolation especially between the Pacific group and the Caribbean group. It was also legitimate to include the caveat that Figure 2 was selective with data for only 10 SIDS provided. A good example of high-level analysis were answers that argued that the remoteness of four Pacific SIDS in Figure 2 could, by referencing Figure 1, be applied to most Pacific SIDS.

Study Figure 1 and Figure 2 in Section A of the Resource Booklet.
Analyse the similarities and differences in the locations and sizes of SIDS.

(8)An overwhelming amount of SIDs are made up of islands found in the tropics with the minor exceptions of some small minor nations bacted nearby & other SIDs on continental land (e.g. Belize), nonetheless all notion SIDs are small or micro-states less than 22750 m 27, 800 km2 in bad area. However despite their small land orea this is componented by their advantages as nations relying on its coasts and the oceans and seas as their EEZ which covers up to 200 miles from a notion's coestline give them all control of important resources found in the secs and oceans, such as pil, which the SIPs are highly reliant on for their economies as most are bropped in the primary sector of the economy in the the modernisation theory which may also explain their high reliance on natural resources and their isolated noture. However in terms of isolation, particularly to being Switch off from global; sation or 'switch on' this veries greatly from each SIDs. SIDs such as Singapore ore highly globalized due to its location on a major global trade route between the Indian and Pacific Oceans. SIDs such as Maldives and Seychelles are 'snitch-on' due to their investment and development to promote themselves as prime tourism

destinations world class resorts and attrac with Bahamas and Jampica cimibrly in SI Us 69 Some SCASTE ophletions such Smell VG while such os Ki ribeti :5 \$506 33 coral a talls spread over 3.5 million kn2 making its connectivity wear (Total for Question 3 = 8 marks)



This is a level 3 example that covers both location and size with a particularly useful comparison of land area and sea area. The coverage of location is rather better than that of size but there is very good AO1 on connectivity and isolation. The focus on differences and similarities waivers a little but is strong in the final few lines. So not quite 8/8 but obviously level 3.



Don't rewrite questions but do use the keywords in a question in your answers. In this example 'similarities' and 'differences' should be mentioned.

Question 4

There were three contrasting reasons why this question posed challenges for candidates and in some cases limited the ability of some to reach level 3, and for others level 2.

The first, already outlined in the overview of the whole paper, was the tendency to treat the SIDS as a homogeneous group and thus answer the question accordingly. Those that saw that location might be significant in affecting the impact of small size mapped in the differences in remoteness between, for example, Singapore and Vanuatu. Thus they profited from recognising that small size is not in itself an issue. Many of those that reached level 3 were able to draw on AO1 material very effectively. Good examples included the comment that much depends on the wealth of neighbours and quoted Luxembourg and Switzerland; others offered Hong Kong and, of course, Singapore, to challenge the idea that small populations and small land areas were deterministic.

The second problem which was less problematic and not as challenging to resolve was the sometimes uneasy understanding of what constituted a 'social consequence'. The majority of candidates were perfectly able to recognise that economic impacts have social consequences although not all made this point explicitly. Many answers were dominated by repeating information from the resources, especially from Figure 3, and then adding an assertive comment offered without support. Consequently too many lost sight of the question entirely. This manifested itself as information drawn from the RB such as 'Haiti has not yet recovered from the 2020 earthquake, this shows why small populations are a problem'. There were many other examples of *non-sequitur* assertions. There was, of course, a good deal of information on offer in these resources but only the top end of the cohort had the forensic skills to pick out the useful pieces of information and draw a reasonable, argued, inference from it.

4 Study Figure 3, Figure 4a and Figure 4b in Section A of the Resource Booklet.

Analyse the social consequences for countries with small land areas and small populations.

(8)

Countries with small land areas and small populations generally have poor levels of development when measured with HDI. Barbados is ranked the highest developed out of 20 selected SIDs but still only fails 58th globally. Hauti is the least developed at 170th. Low population and land areas can limit opportunities, so brain drain is a common occurrance in SIDS. Civyana has the largest breain drain at 89.2% *. The average emogration rates for college graduates is 50.8%, much higher than other developing countries. The average emmigration rates for low-skill Norkers is 15.6%. Both- rates are significantly higher than other developing countries. Brain drain cald be higher due to a tack of higher

education paculities



A typical level 2 response that starts well but stops abruptly. The candidate could have unwrapped the idea of HDI further to explore the social consequences of economic development. The references to the brain drain taken from the resource booklet are good but again remain undeveloped. Thus, in summary the AO3 is good, if limited in breadth but the AO1 is weak.



Use the space allowed. The number of lines allowed for answers is mapped against the number of marks and gives you some idea of the ideal length of a response. 4 Study Figure 3, Figure 4a and Figure 4b in Section A of the Resource Booklet.

Analyse the social consequences for countries with small land areas and small populations.

Social Consequences are consequences that specifically impact himan like (grality glife) and may be negative in prohloiting the exercision of himan activities. Sociat Carties with Small land areas and small population may experience these said Onsequences the most, but this is not recessify always true.

(8)

Janaica bas (in the centreer) has a lend over of 10,830 km and a great population of 2,768,941 worpered to Maldres (Kartie) which has a substrictivally less read area of 300 km2 and a total pupulation of 338,442. However what is similar for bon \$10's grund Figure 3 is that both rely on towin activer to generate ennoute status, but envorental threats for maldines may be prearting its reproved tourism sector as the president itrees attention to the until portor jutre by hadding a cubret rectly inductor" whilst Janeicero tasism sector cooracte " inise ships and plaines " but "the enhoused inpact is regative "!

Figre 3 establister an understanding that Jamaian tonism islandy is beening and a jouandole destruction for " American towats ", here promoting ensure acting with hourday prohosing, hotel bushings and service sector denard. But Maldres, prove esperally for its population albeit very small is very

here as not only will borrism but aggest the quelity of peoples (sees inthe lass a loss of homes too.

Whilst turism is an important source achies that boost the inage of a SID, Jamaica has a very high 0/0 og brin drain rates (lass frigerio of echeded gradienter) at 84.7 % and (Total for Question 4 = 8 marks) a Net migration rate & -5.50%, here this may be an inductor That the tonism indoty to a negative on the works itself, forcing Migration as communities feel a bas of "culture" or cultural crosion as Jamaian becomes more globalised and connected and. The personal remationes received as a value of Got for Janava as per in Figure 4a to at 14 %, composed to Analdres nere 0.2%. This demonstrated tratsmall populations van drie tess personal Stand communication and intralependence within a winty. Overal & hoverer, the most suppling statistic sham is the HOI our werby, Saniaru & renhed at 101, cropped to maldres renhigg 95. This suggests that whilst Jamaias the tourism sector of mellopes my de climphiliphily it has a granter HD) (education rale, lije expering and birAnrale) which it promoting huge, social positives about living in maldres despite the examplet challenges it jures.



This is an example of a full-mark level 3 response. It is unusual in that it uses two countries to explore the idea of social consequences of small land areas and small populations, rather than taking an overview of all SIDS. That is a legitimate reading of the question. It is not flawless and there are factual errors when the candidate builds their comparison between the Maldives and Jamaica. However, there is no expectation that the candidates have any specific place knowledge of the SIDS other than the information offered in the resource booklet. The contrasts are, of course, the AO3 whilst the AO1 is the understanding shown of the social and cultural impacts of tourism. Unusual but effective.



Do remember that economic, social, political, cultural and environmental impacts are often closely interrelated.

Question 5

It is important that centres and candidates recognise that this paper, unlike any other that has been set, is sequential in that the questions asked develop progressive themes and build upon ideas already visited in earlier questions. This includes a presumption that material focused on, for example q3, might be pertinent to the answer that they offer to their answers to both q5 or q6.

Question 5 was built around the Section B resources as directed in the preamble to the question, but also legitimately assumes a close acquaintance with the Section A materials and the materials examined in both q3 and q4. Teachers and their candidates need to be aware of the AOs for these final two questions on the paper. Questions that carry, between them, 60% of the paper total - of these marks the bulk are drawn from AO2 and not from some responses from AO3. These AO2 marks come to form the application of knowledge and understanding in the context of interpreting, analysing and, most importantly, evaluating the information and issues. That information comes from both the resource booklet and the candidate's own material garnered over the whole course. In brief, these questions have a strongly synoptic construction and evaluation is essential.

The contention of the question is that geographical isolation is the main barrier to sustainable development for the SIDs. Level 3 responses showed excellent deconstruction skills addressing, for the most part, three elements of the questions:

- 1. An exploration of the concept of development and what might make some development more sustainable than others.
- 2. An exploration of the idea and impact of 'geographical isolation' and why it might impact on that development.
- 3. An exploration of what other barriers to development might exist, both past and current, and how significant they might be or might have been.

The candidates have already been introduced to the idea of isolation and some will have addressed it in their answers to q3. Some will have already noted that there are variations in levels of isolation with many, although not all of the Pacific SIDs, being notably more isolated than those of the Caribbean. There is also an apparent linkage between isolation and level of development shown on Table 4b, albeit as some noted, only for a selective sample of states. Most students took sustainable development as a synonym for durable which was, given the specification, perfectly acceptable. More constricting was a tendency to reference economic development at the expense of any other facet of this contested term, whether it be social, environmental, political or cultural. The strongest responses recognised some of these issues and addressed them directly using both the RB and their own knowledge and understanding to critique the idea that development was simple conceptually and that it could be rendered down to a few summative figures. It was also highly encouraging to read answers that addressed the impact of both the colonial and neo-colonial legacies, the role of local elites and the global geopolitical structures in place. To return to a theme addressed in the

preamble to this report, the most important principle that candidates can bring to bear when deconstructing these questions is an explicit recognition that it is highly likely that what is arguably true for some places and people is not so true for others.

5 Study the resources in Section B of the Resource Booklet. Evaluate the view that geographical isolation has been the main barrier to the sustainable development of SIDS. - Switchur of form off baliation (18)

derelipset SIDS generally struggle to ratch the rate of othe developing rating partially due to Their deopaphical esolation. Horder the are disorthe faiting to sustainable Boson deselopment including interdependence and a servir inclusto.

Mony SIRS suffer speatly from bery extremely uslated composed to other countries with J/DS sectory Fifi and Sama being some of the nost cente and isolated places is the world. I le global converg is largely goserred through trade routes including both shipping and air traffic . Nating such as both Jonth Africa reven huge ccommi perefits due to being along trade portes borger homener due to their isolation SIDS feel the opposite impart. SIDS espectally those in the Pacific ope for analy from trade routes which and only rules it joy difficult to export good it also nakes it algonie difficult to receive recessory esources such as every resources. This has halted the sustainable deselopment of a number of Ill as trade is essential in order to build up a strong economy and deselop, due to the significant bearies to trade many SIOS derelp at a sline rate the other decliping rations as seen in figur 5 where GDP grantilly route bus been consistenting higher in other Seveloping contries

A wthe mater factor influencing the sustainable development of SIRS is the interdependance they have and returne on forsil Fueld for excepts with developed ratins. I we to their swall Size SIRS often become dependent of lucisterdependence with deseloped rating in order to provide them with resonnes they dependely reef most significantly everys. This convert In SLOS becoming ner-informal regions as developed nations use them for their retural resources and in turn punice them with receising ingthest and and stand assertial ormes such as erep. Whilst this Can provide short term barefits and help with development as person lose less berring to eserving and food in the ingenterment tends to be danaying. SIDS become dependent on imported products out when the exported more on they are left at risk on vulnerable. Fortheme deseloped rating exploiting STRS for return yources is con-sexteinable as ler is only a limited supply france. This stone that though dependence on intertegendance SIRS Can deselop but it in a sustainable march and in the long term often hinter Fitter deselopert.

SIDS generally have sent anny industries usually based around one individual sector limiting derelypost and leaving the states more nulserable. Due to the lack of direse industry SIDS tead to be significantly nearbour economically than other and to be significantly nearbour to losond exects as they are unable to inext in nitigation Studigies. SIDS often rely on princy and testing industries with to rim often being the major industry. Alio Daudi Dave to the lack of a secondarg momentation industry and a quitering resends industro development is beautify binited in SIDS. Secondary monupating industro is often seen as one of the post important factors in sustain alle development as it gives longe post to employent rate all economi ontput of a requires. This can be seen in China where since the 'open door' pring of 1977 longe scale no subjecting las personationed and offender of the post of higher state of gives rough of the comparison of the post of higher since the open door' pring of 1977 longe scale no subjecting las personationed and offender of the point of higher of the point state of generations Chinas entities of the post of higher since the input of second of industry of the post of higher states the input of second industry of the post of higher states the input of second industry of the lack of it is bailer SIDS nossingly reduces sustained development's opportunities.

I condursing geographical worldtein is a significant furter in being a barrier to sustainable development longer it is not the next significant factor. The rost significant battor is the nerver inhorsto of SIDJ which ressirted timits development which can be seen with the 16-2% fall in GD Pin 2020 (SS of SIDS due to over plinance on torrier which was stanted advang continue to reduce as rising sea levels are beginning to love a larger input on SIDS.



This is a strong essay that is comfortably into level 3. The strengths are the range of ideas covered from that featured in the question (paragraph 2), the idea of dependency and geopolitical relationships covered in paragraph 3 and the structure of their economies covered in paragraph 4. In each of these three paragraphs there is material drawn from their own work elsewhere on the specification (notably South Africa and China) and useful evaluative comments about longterm/short-term contrasts. The essay is structured well and comes to a definitive and evaluative conclusion. The most obvious reason why it doesn't warrant a higher mark is that it is very tightly focused on **economic** development and that there is obviously a relationship between isolation and the economic structure of many SIDS.



It is a very good habit to make each paragraph of an essay focus on one idea, that is illustrated and developed ending with an on-going evaluative comment which has the added virtue of reminding you what question you are trying to answer.

It is better to have too many paragraphs than too few.

Question 6

The final question on the paper offered the view that the SIDS faced 'decline' if climate change was not tackled at a global level. The deconstruction task should have included:

- 1. An exploration of how 'decline' might manifest itself from the physical disappearance of low-lying SIDS to economic and population decline.
- 2. An exploration of what might constitute 'significant' global action and, by extension, examining the chances of that actually taking place.
- 3. An exploration and comparison of both the immediate future impacts of climate change and the longer-term future perhaps addressing tipping-points and feedback loops.

Although essay-writing is not confessional it would be fair to comment that this cohort of 17/18 year old candidates are not optimistic about the future of many SIDS. Once again, at the lower end of the ability range there was a tendency to over-generalise. For example, the present and future impact of sea-level rise on the Maldives was taken as a proxy for all SIDS when there was plenty of resource booklet evidence that many SIDS are not immediately threatened by sea-level rise, at least not their continued existence. Many picked up on the impact of increasing hydro-meteorological hazards and sometimes made very good links between Figure 7 and Figure 10. However only a tiny number commented on the declining five-year average from 2008 and even fewer noted that not all SIDS, specifically those very close to the equator, experienced tropical cyclones. Level 4 answers were characterised, as intended, by a recognition that the threats were multiple but also variable. They also noted that the examples of adaptation and mitigation offered in the text on p13 were very small both in the amounts of money involved and the geographical extent of their application. Therefore, these answers built a good platform of evidence from which they could offer a sceptical, and often pessimistic commentary, about the future prospects of global action taking place and its likely impact on arresting economic, demographic or even the physical decline of the SIDS.

6 Evaluate the view that without significant global action to address climate change, the future of SIDS is one of decline.

(24)

Unate Change (S becoming a huge global problem, due to humans impacting the environment since the industrial revolution causing high amounts of COn to be emmitted into the atmosphere. The main problem for STD is they aren't the ones causing the biggest proplem to the climate, it is more the high income country, and emerging country's who are releasing the highest amount of CO2 in the atmosphere. This can see be seen on figure 9 with the USIA, Australia, Canada being the biggest emitters per capita.

limate change is causing a lot of problems for some STD states already let alone how at risk they are going to be in the future. Kinibattiin the facilitic for example and already losing level due to climate change. Kinibati Consists of caral islands known as atols so they are at nisk of their islands known as atols so they destruction of the carais, the sea level rising, due to fistati change of melting glaciers, but also at hisk from the more frequent storm surges. The graph in figure 10 Shave the upwards thend in the number of natural

disasters and this has been blamed on CO2 emmis--vors changing the climate and causing more frequent and severe storm surges. Also kuribate has the niskot ocean acidification weathening it's islands due to the corals dying. The more cur emphissions results in more carbon in the water, which forms carbonic acid which then reacts with the carbon carbonate in the coral structures causing the energy usually used for the corals to grow then being used to protect the skeleton structure from the acidite conductions, which causes coral bleaching. Overall Kiribati and many other SID'S like if are at a night risk from climate change due to the loss of land, economic destr--ution during storms but also the LOSE of valuble recources such as fresh water. For example if sea levelrises around small islands such as SID'S then it will Cause Salt water encroach ment / which is where saltwater contaminates the islands freshapound water supply.

This is why SID's need the support of significant global action to address climate change to ensure a future of for their communities. In the past there has been a few bigglobal climate conferences including the first in 1979, world climate conference and then the parts agreement in 2015. The graph in figure 11 shows the manging global temperature and Car concentration -s with selected global environmental conferences. The graph stows a continued up wards thend, wearing the global temperatures and car concentrations in the atmosphere essected we continued to increase since the Conference in 1979. This with promising data for STD Country's be cause it suggests that even after global talks there hasn't actually been an impact and reduction in emmissions.

If there isn't global drops in Obe emmissions then the temperatures will contribute torise and the reis a risk of reaching a tipping paint with the dimate. For example the Homozon is a carbon sink because the trees in the rainforest sequester Carbon from the atmosphere during photosynothesis and release oxygen with instead so it helps maintain a balance in the atmosphere, but heavydefforestation is thereasting wild first, aniegthe soils and causing a reduction in the amount of water and carbon stored there and overall impacting the globen hydrological and water apple. Deforestation is happened because the food supply is increasing globally dive to the growing middle class but this inturn is impacting small isolated communities, for example those in the STD cantries. The mardines is also neavily impacted by sea level rise with the highest point only Deirg Smathone Sea revel. As remperatures rise due to chimate change glaciers not ausing Evstatic sea level rise, which is globell. This is impacting places like the mathines significantly but they have uittle control are the situation because they are only a small control with with

arenall SID countries are reliant on global action to Swe them from Unimate change because even put together they only make up a small population suglocally m have white infuence on divate (Total for Question 6 = 24 marks) Superpowers such as the USI emerginate powers such as China TOTAL FOR PAPER = 70 MARKS are having the more negative impact on climate change and are the biggest emmitters of CUz, so it is down to them, who have more somer and influence, globally, who can actually have an impact and aim to reduce carbo emmissions. Even global organizations such as the ES could work together using new technology of encouraging more sustainable resources, such as advertices in renewable energy. They have the most influence open clinate change, especially wealthier superpowers who can afford more sistainable resources and commodities. For example USA are advancing their hydro electric power sources, and France basnigher nuclear power sources.



This is an example of a very good answer that could with relatively small adjustments be closer to the top of level 4. As with the chosen exemplar for q5 it is a well-constructed answer with clear points made, supported with strong AO3 from the booklet and good AO2 that interprets, analyses and evaluates. The opening paragraph identifies the main problem facing the SIDS. It would have been helpful to have had a deconstruction of 'decline' included here. The second paragraph examines a range of reasons why climate change poses problems including material from both the booklet and from the candidate's own knowledge and understanding, including coral bleaching and salt water encroachment. In this paragraph there is an implicit recognition that decline might embrace several impacts including 'loss of land, economic destruction during storms but also the loss of valuable resources such as freshwater'. The third paragraph addresses this threat in more detail and ends with very clear evaluation in its final sentence. The fourth and fifth paragraphs are not quite so clearly focused and in the case of the material on the Maldives rather out of place given that the issue of sea-level rise was dealt with earlier.

The conclusion is sound but doesn't end by returning to the title directly.

A clearer focus on what decline might look, on-going evaluation at the end of each paragraph, and a stronger finish explicitly revisiting the title would move this towards the top of level 4.



Making a plan with each paragraph tied to one coherent idea is very useful. Before you answer this question you should spend two or three minutes jotting down these themes.

Paper Summary

This paper is unlike the other two examination papers with no particular area of the specification identified as the focus of the paper. However be aware that it is the compulsory topics that will provide the foundations for the scenario covered in the booklet.

These are Topic 1, Topic 3, Topic 5, Topic 6 and Topic 7.

There are a number of strategies to be aware of in your preparation both over the whole course but also in the last few days of revision as well as in the examination itself.

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

- Be aware that most but not all questions are marked using a set of mark descriptors for different levels that do not change from year to year.
- Be aware which assessment objectives (AOs) are being covered.
- Be aware that q3 and q4 use the command word 'Analyse' that is not used anywhere else on this specification.
- Make your own connections from your own knowledge and understanding when answering the longer essays q5 and q6.
- Practice using previous examination papers so that you pick up good habits.
- In the exam hall read through the question paper first of all.
- In the exam hall, read through the whole booklet before you start and make notes as you go through it.
- Make a plan for the longer essays and jot down the themes you wish to explore; one for each paragraph.

Grade boundaries

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

https://qualifications.pearson.com/en/support/support-topics/results-certification/gradeboundaries.html

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