

Paper 2

Question	Commentary	Marks
Q3a	<p>First mark is awarded at 'habitat is lost'. A further mark is awarded for the next sentence on trade routes - other candidates could gain two marks here with a little more detail.</p> <p>A mark is awarded at 'sea levels will rise' linking to the ice caps melting in the first sentence. Another is awarded at 'flood severely' for linking sea level rise to relevant areas. An (eg) mark is also given here at Netherlands for a correct example.</p> <p>A mark is awarded on the increase in temperatures with specifics given and a further for developing this to the potential spread of malaria. An example is not given here as Nairobi is already at risk from malaria.</p> <p>A mark is awarded for 'rise in sea temperatures' which links to hurricane below, and another is awarded for the correct reference to impact on Haiti.</p> <p>A further (eg) mark is given here for a correctly named example</p> <p>A mark is awarded for the increase in growing seasons but the next point about Spain is simply a reversal – other candidates may be able to explain this more clearly.</p> <p>A mark is awarded at 'rainfall will increase in places such as Scotland' and a further at 'tourist economy for a developing this impact (if candidate had developed tourism more eg link to skiing industry then it may have been awarded more marks).</p> <p>A mark at 'wake up earlier as changing seasons has an impact on this and a further mark for 'vulnerable to attacks' as although the real risk is the food availability due to disrupted hibernation times, the risk of attack is authentic.</p>	12
Q3b	<p>First mark (eg) mark is awarded at Kyoto for a named example. Another is awarded at 'carbon taxes' for a development of the protocols. An (e) mark is given at 'industry to make money' and a further (e) mark is awarded for the point on USA not agreeing the strategies, but underline China as it did agree.</p> <p>Another mark is awarded at 'cutting down carbon sinks' and another (e) mark is given at 'impossible to manage on a local level'.</p> <p>Underline 'geothermal' as this is not the case yet, but award a mark at 'wind farms' and a second at 'little cost' for their ability to produce large amounts are awarded - unsightly is not a comment on the effectiveness of the scheme.</p> <p>A mark is awarded for the final point on recycling linking to the relevant case study of coffee cups, and this is also given an (e) mark for the issue of education and coffee cups.</p> <p>Another mark is awarded for the Thames flood barrier and a final (e) mark for the need for a second one.</p>	8
4a	<p>First (d) mark is awarded at '5200mtoe'. An (e) mark is given for the explanation of increasing numbers of electronics linked to wealth and a</p>	10

	<p>second (e) mark is given at 'more energy being used'. Another (e) mark is given for link to rising car ownership.</p> <p>A (d) mark is given at '200 to 400 mtoe' and an (e) is awarded at 'will be able to use them regularly 'for link to reliable supply and another for 'less energy efficient. An (e) mark is given for less able to afford renewable energy schemes'.</p> <p>A (d) mark is allocated at '300-2000 Mtoe' and an (e) mark given for the link to increasing exports. A final (e) mark is given for the link to increasing population so energy demand.</p>	
4b	<p>First mark is awarded at 'rivers and lakes' for the link to HEP. Other candidates may have picked up a further named example mark for Norway, had it also linked to context of mountainous landscape or high precipitation. A further mark is given for the second sentence for the need to import during dry periods. The next sentence is a reversal and therefore not awarded marks.</p> <p>The next statement is also a repeat point on volume of rivers. Marks are not awarded for the loss of farmland as this is an impact, rather than a comment on the meeting of energy demands. A mark is given for the cost in relation to developing countries; although HEP is likely not to be the most expensive we can assume it will still be expensive to start up.</p> <p>A mark is awarded for pumped storage schemes using excess electricity to pump water back up to reservoir, and a named example mark given here for Loch Awe.</p>	5
5	<p>A mark is awarded at 'transport links' and a first map evidence (ME) mark at '322469' for correct map evidence. A mark is awarded at 'good for building on 'linking to flat land. A further mark is awarded at 'flood defences' for issue of potential flooding – other candidates may explain this in more detail.</p> <p>A mark is awarded at 'easy to access' and a further (ME) mark is awarded at A38 for map evidence. A further mark is awarded as the candidate has linked the housing estate to job opportunities in cities further afield.</p> <p>A mark is awarded at 'house these extra people' but underline 'in 10 years' as the time scale is 20 years.</p> <p>Award a mark at 'need a place to live', linked to the workers in the nuclear power plant expansion, and another mark at 'radioactive material escapes'.</p> <p>A mark is awarded at 'increase roadworks and congestion' and another mark is awarded at 'significant improvement' because candidate has used the source and offered a brief explanation of its impact.</p> <p>A mark is awarded at 'traffic may be loud at busy times, disturbing the area' for noise from nearby transport routes and another mark awarded at 'easy for commuters' for being able to access the M5 for commuting.</p> <p>Carat at 'improve the local economy'; little more needed here.</p> <p>A mark is awarded at 'encourage more cycling' for the impact on health.</p> <p>A mark is awarded at 'affect the habitats' for impacts on the environment.</p> <p>Award a mark for the potential increase in visitors to the National Park.</p>	19

	<p>A mark is awarded for the impact on views in Alstone, and another mark is awarded for the increase in noise and air pollution for the future impacts of the busier surrounding transport links.</p> <p>The points on the National Trust and golf course is a repeat of the point made about the national park so an 'R' is placed here.</p>	
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Marking Key:

- (a) mark – part a of the question
- (b) mark – part b of the question
- (d) mark – description
- (e) mark – explanation
- (eg) mark – example
- (ME) mark – map evidence
- 'R' – repeat point