

Commentary on candidate 1 evidence

The evidence for this candidate has achieved the following marks for each question of this course assessment component.

Section 1: Map interpretation			Commentary / marks identified within candidate evidence	Mark awarded	Max mark
1	a	(i)	1 mark was awarded for the site drawn to scale, with a further 2 marks awarded for a suitable site (suitable relief 1 mark and suitable accessibility 1 mark).	3	3
		(ii)	The first mark was awarded for hotel, 413838, ' <i>place for tourists to stay</i> '. A further mark was awarded for accessibility with reference to dual carriageway, 419839, providing access to ' <i>new venuelink to city centre</i> '. A third mark was awarded for <i>airport, 4382, 'to allow people from other parts of the UK to attend...'</i> Another mark was awarded for reference to Retail Park, 416842, with ' <i>amenities ...providing places for visitors to eat and drink</i> '. A disadvantage mark was awarded for ' <i>further out of the city...isn't as many tourist attractions ...near the CBD</i> '.	5	8
		(iii)	The first mark was awarded for the mention of jobs (from a(ii)), with reference to Atlas, ' <i>70% are employed in services ...as there will be new jobs available ...suburban area.</i> ' A second mark was awarded for traffic congestion ' <i>in the local area ...because the venue can seat 20,000 ...many of whom will bring their cars</i> '.	2	3

	b	<p>Golf Course (4186) The first mark was awarded for accessibility, 'dual carriageway at 417866'. A second mark was awarded for reference to contour lines, '<i>certain areas ...will be steeper,412863....land will be flatter,414864. This accommodates many different golfers</i>'. A final mark was awarded for the reference to suburban housing '<i>....quieter as it is away from the CBD ...calming area ...there will be less noise pollution</i>'.</p> <p>Wavertree Technology Park (3890) A fourth mark was awarded for mentioning accessibility, with reference to trainline, 385907, '<i>reduce traffic congestion....</i>'</p>	4	6
			14	20

Commentary on candidate 2 evidence

The evidence for this candidate has achieved the following marks for each question of this course assessment component.

Section 2: Gathering and Processing Techniques		Commentary / marks identified within candidate evidence	Mark awarded	Max mark
2	a	<p>The first mark is awarded for '<i>uses arrows pointing from the traffic counting station to the CBD</i>'.</p> <p>A second mark is awarded for '<i>thickness of the arrows is dependent on the number of cyclists, the more cyclists the thicker the arrow</i>'.</p> <p>The third mark is awarded for '<i>...scale would be used, ie 10 cyclists = 0.1cm/1mm</i>'.</p> <p>The final mark is awarded for '<i>not too overcrowded</i>' because the candidate is referring to their own scale when discussing avoiding overlap.</p>	4	4

	b	<p>Environmental Quality Survey (EQS) questionnaire, noise levels all appropriate gathering techniques.</p> <p>EQS The first mark is awarded for '<i>...look at the beauty of the area</i>' as '<i>the more interesting and attractive the area the more likely people will want to cycle along it</i>'. A further mark is awarded for '<i>Roads with lowest scores could be revisited and ideas on how to improve it generated</i>'. A caret is awarded for the list of what could be included in the EQS, '<i>amount of open green spaces ...parked cars</i>'.</p> <p>Questionnaires A further caret was awarded for exemplification of the technique, '<i>on a scale ...how safe do you think this route is</i>'.</p> <p>Noise levels A final caret was awarded for '<i>introducing alternative quieter side roads</i>'.</p>	3	6
			7	10

Commentary on candidate 3 evidence

The evidence for this candidate has achieved the following marks for each question of this course assessment component.

Section 3: Geographical data handling		Commentary / marks identified within candidate evidence	Mark awarded	Max mark
3	a	<p>A caret is awarded for 'majority of the wind comes from the west' as this is correct, but not sufficient on its own for a mark (no figures given).</p> <p>The first mark is awarded for recognising the direction and duration, '<i>least of its wind from directly from the north ...smallest sector ...less than 250 hours</i>'.</p> <p>A second caret is awarded for a comparative comment, '<i>coming from the East....greater than that coming from the North but smaller than that coming from the South</i>' (no figures given).</p> <p>The figures quoted in lines 5-9 are incorrect and therefore no marks were awarded.</p>	2	4
	b	<p>The first mark was awarded for '<i>how wind speeds change depending on the direction</i>' for saying what the polar graph shows.</p> <p>A further mark is awarded for '<i>to notice trends</i>' for recognising that trends are easier to read and interpret on the polar graph than the table.</p> <p>Another mark is awarded for '<i>could be misinterpreted</i>' for recognising that giving actual figures doesn't need interpretation.</p> <p>A final mark is awarded for '<i>small and compressed</i>' for recognising that it is difficult to read the polar graph exactly due to the crowding in the centre.</p> <p>No marks were awarded for the table being more accurate, less visually appealing and harder to notice trends as this is a reversal of what has already been stated and credited.</p>	4	5

	c	<p>The first mark is awarded for '<i>west coast of England</i>', which is then developed '<i>exposed greatly to high winds...</i>'. The candidate recognises and understands that wind speeds will be high due to the fetch (use of Atlas).</p> <p>A second mark is awarded for recognising that '<i>ferry routes running from Liverpool</i>' must have been considered at the planning stage, '<i>before building the wind farm</i>'.</p> <p>A further mark is awarded for '<i>this effect significantly</i>' for recognising that the visual impact of turbines 195m tall is less when they are in the sea.</p> <p>A final mark is awarded at '<i>huge storm came from the north west ...may potentially damage</i>' the wind farm because it is '<i>very exposed</i>'.</p> <p>No marks were awarded for '<i>far enough away</i>' so as not to affect fishing boats, water sports etc, because they are close to shore as shown on supplementary item D.</p>	4	6
	d	<p>The first mark is awarded for '<i>view of Snowdonia</i>' for recognising the visual impact of the wind farm.</p> <p>A second mark is awarded for '<i>dropped significantly</i>' for recognising that house prices may be affected.</p> <p>A further mark is awarded for '<i>visiting and landing in the area</i>' for recognising the effect on bird migration.</p> <p>Another mark is awarded for '<i>dangerous for water sports users</i>' for recognising that the extension will need more maintenance boats and therefore, present more danger for recreational users.</p> <p>A final mark is awarded for '<i>avoid the turbines</i>' for recognising that the extension may require ferry routes to be diverted.</p>	5	5
			15	20

Commentary on candidate 4 evidence

The evidence for this candidate has achieved the following marks for each question of this course assessment component.

Section 1: Map interpretation			Commentary / marks identified within candidate evidence	Mark awarded	Max mark
1	a	(i)	No marks were awarded as the size was not drawn accurately to scale. 2 marks were awarded for recognising a suitable site (1 mark for suitable accessibility and 1 mark for suitable relief).	2	3
		(ii)	The first mark was awarded for reference to A562 and <i>'not have to be new roads built.'</i> The second mark was awarded for reference to New Mersey Retail Park, <i>'less than 1km'</i> , for <i>'shopping and eating'</i> . Another mark was awarded for <i>'expansion just south of the proposed site ...car park.'</i> The information about railway and station was given a caret as there was no reference to the map and information about roads is repetition from the first sentence. The next mark given was for mentioning a disadvantage, <i>'site is however very far away from the centre of Liverpool ...inconvenient for residents ...existing Echo Arena ...near the main town ...'</i> . A second caret was given for <i>'small building (with GR) ...to be knocked down.'</i> This coupled with the previous caret gives a mark. A final mark was awarded was from Q1 (iii) for <i>'venue is far away from any local housing schemes ...noise pollution should not be seen as an issue.'</i>	6	8

		(iii)	A mark was awarded for creating jobs, ' <i>for nearby citizens ...of Halewood.</i> ' A caret was awarded for helping boost local economy.	1	3
	b		Allerton Golf Course (4186) A caret was awarded for ' <i>lots of trees and greenery</i> '. A mark was awarded for reference to relief, ' <i>50m to 70m ...useful for a golf course.</i> ' Wavertree Technology Park (3890) A caret was given for good access routes, for example, railway. Combined with the previous caret this is 1 mark. Another mark was awarded for job opportunities ' <i>many housing schemes nearby e.g. Fairfield and Stanley ...will provide jobs ...</i> '.	3	6
				12	20

Commentary on candidate 5 evidence

The evidence for this candidate has achieved the following marks for each question of this course assessment component.

Question 2: Gathering and Processing Techniques		Commentary / marks identified within candidate evidence	Mark awarded	Max mark
2	a	<p>The first mark was awarded for <i>'useful in showing the direction of movement and density of movement'</i>, with a second mark being awarded for <i>'will display which routes are used more frequently by cyclists commuting to the CBD'</i></p> <p><i>A further mark is awarded for 'scale will be used ...e.g. 1mm=10 cyclists ...'.</i></p> <p>The final mark is awarded for <i>'those with relatively high frequencies will have larger flow arrows ...'</i>.</p>	4	4
	b	<p>The candidate discusses three techniques – questionnaires/surveys; urban land use survey; traffic counts. All are appropriate gathering techniques.</p> <p><u>Questionnaire</u></p> <p>The first mark is awarded for <i>'questions could consist of open and closed ended questions'</i>. The candidate includes exemplification (<i>'why do/don't you cycle to work?'</i>). The candidate develops this further with <i>'to gain a view on why people aren't cycling and what ways they would be more inclined to'</i> and is awarded a further mark. The third mark is awarded for <i>'this could be combined with a perception study to find out views on suggested infrastructure projects'</i>.</p> <p><u>Urban Land Use Survey</u></p>	6	6

		<p>A further mark is awarded for <i>'to investigate issues and current availability of land use to encourage cycling ...unlike common RICEPOTS method, adjust key ...bike rack, cycle lanes'</i>.</p> <p><u>Traffic Counts</u></p> <p>Another mark is awarded for <i>'in order to find out the flow of vehicles and the type of vehicles ...for example ...'</i>. The candidate develops this further to gain the mark. <i>'This will be useful to see the percentage of cyclists compared to other larger road vehicles'</i> is awarded a further mark and <i>'may show that percentage of cyclists are greater on roads with reduced lorries'</i> is awarded a further mark</p> <p>The candidate completes the answer with a perceptive point <i>'there should also be increased counting along non-arterial routes as it is likely current cyclists are using routes through residential area to avoid commuters traffic.'</i> which is awarded the final mark.</p> <p>This candidate has written more than is required to achieve the full 6 marks.</p>		
			<p>10</p>	<p>10</p>

Commentary on candidate 6 evidence

The evidence for this candidate has achieved the following marks for each question of this course assessment component.

Section 3: Geographical data handling		Commentary / marks identified within candidate evidence	Mark awarded	Max mark
3	a	<p>The first mark was awarded for '<i>westerly direction</i>' and '<i>over 1250 hours of wind each year</i>'.</p> <p>A second mark was awarded for '<i>WSW and WNW both receiving over 750 hours of wind each year</i>'.</p> <p>A further mark was awarded for '<i>least wind ...is N ...less than 250 hours of wind every year</i>'</p> <p>A final mark was awarded for '<i>highest wind speeds exceed 61 km/hour ...around 10 hours a year</i>'.</p> <p>No marks were awarded for '<i>19 and 28 km per hour</i>' as this is not the most common wind speed.</p>	4	4
	b	<p>The first mark was awarded for '<i>in clear directions</i>' for saying what the polar graph shows.</p> <p>A second mark was awarded for '<i>can't clearly see trends</i>' therefore making interpretation of data from table less clear than graph.</p> <p>A further mark was awarded for '<i>lacking precision</i>' for a difficulty in reading the polar graph, '<i>hard to pick out exact values on the polar graph</i>'.</p> <p>Another mark was awarded for '<i>blew for in every direction</i>'. The candidate develops this '<i>it could be hard to get a numbercounting lots of different values up</i>'.</p> <p>A final mark was awarded for '<i>the wrong information</i>' for it being difficult to distinguish between colours on the polar graph.</p> <p>No mark was awarded for the final paragraph '<i>time consuming</i>' as this is not relevant.</p>	5	5

	c	<p>The first mark was awarded at '<i>efficiency of the wind farm</i>' for understanding that the Atlantic Ocean gives a large length of fetch to strengthen the wind, '<i>high wind levels coming across the Atlantic sea</i>'.</p> <p>A second mark was awarded for '<i>carry out maintenance</i>' for advantages of not being far from the coastline to carry out maintenance, '<i>easier for teams to travel outon the wind farm ...</i>'.</p> <p>A further mark was awarded for '<i>reducing its effectiveness</i>' for recognising the influence of Snowdonian Mountains as a barrier to the wind.</p> <p>A final mark was awarded for '<i>less likely to visit</i>' for recognising the wind farm might make the area less attractive to visitors but '<i>could also become an attraction in itself in the future</i>'. The candidate also includes reference to the Merseyside Maritime Museum.</p> <p>No marks were awarded for the paragraph about Anglesey as this is effectively a repetition of the paragraph on Snowdonia.</p> <p>The paragraph about the wind farm being an eyesore is repeated in (d) where it is credited.</p>	4	6
	d	<p>The first mark was awarded for '<i>reduce the affluence of the area</i>' given that the wind farm may '<i>spoil or block out the view ...of the Snowdonia mountains</i>'.</p> <p>A second mark was awarded for '<i>higher death rates</i>' for recognising the risk to the bird population.</p> <p>A further mark was awarded for '<i>pollution to fragile marine ecosystems ...reducing the biodiversity of the area</i>'.</p> <p>A final mark was awarded for '<i>reduced profits from the fishing industry</i>' as a result of the wind farm '<i>take up more space....</i>' and '<i>space to fish reduced</i>'.</p> <p>No marks were awarded for paragraph 4, as taking money from the government and council is incorrect.</p>	4	5
			17	20