

GCSE

Geography B

Unit B561/02: Sustainable Decision Making (SDM) (Higher Tier)

General Certificate of Secondary Education

Mark Scheme for June 2015

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All examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes should be read in conjunction with the published question papers and the report on the examination.

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1. These are the annotations, (including abbreviations), including those used in scoris, which are used when marking

Annotation	Meaning of annotation
Green tick	Correct point
Red cross	Incorrect point
?	Unclear
Upturned v	Omission mark
Irrel	Irrelevant material not answering question
Dev	Development
L1	Level one
L2	Level two
L3	Level three
L4	Level four
{	Left bracket
}	Right bracket
BOD	Benefit of doubt

Question		Answer	Mark	Guidance
1	a ✓ ✓	Indicative Content Most / 75% in Tertiary Least / 1 - 4% in Primary Less than 5% in Primary Least / 25% in primary and secondary combined	[2]	Points marking 1+1 Correct data 2 marks OR Reference to least/smallest amount of primary 1 mark Reference to most/largest amount of tertiary 1 mark Reference to least/smallest combined primary and secondary 1 mark Allow credit for ' only a small / higher percentage ' or ' very little / large percentage '
1	b ✓ ✓ X	Indicative Content Any secondary economic activity, e.g. manufacturing or steel making or any secondary job. Any tertiary economic activity, e.g. catering or tourism or any tertiary job.	[2]	Points marking 1+1 Any secondary / tertiary economic activity / job under the correct heading is acceptable.

Question		Answer	Mark	Guidance
2		Indicative Content	[6]	<p>Levelled question – see page 4 for instructions for answers marked by levels of response</p> <p>Description may be implicit or explicit in the answer. Reasons are the main driver to access L2 and L3.</p> <p>Exemplar responses</p>
L3		<p>Level 3 (5-6 marks) Detailed reasons given for the changes in economic activity. Description of changes. Written work is clearly legible and spelling, punctuation and grammar are accurate.</p>		<p>L3 Raw materials are cheaper from LEDC/NIC which causes decline in primary industry and job losses which results in the area being redeveloped for tertiary activity</p>
L2		<p>Level 2 (3–4 marks). Sound reason(s) given for the changes in economic activity. Description of the change(s). Written work is legible and spelling, punctuation and grammar are mostly accurate. Meaning is communicated clearly.</p>		<p>L2 Cheaper imports from abroad which cause mine closures</p>
L1		<p>Level 1 (1–2 marks) Simple reason(s) may be given for the changes in economic activity. May describe change(s). Written work contains mistakes in spelling, punctuation and grammar, which sometimes hinder communication.</p>		<p>L1 Resources are running out</p>

Question		Answer	Mark	Guidance
3		Indicative content	[6]	<p>Levelled question – see page 4 for instructions for answers marked by levels of response</p> <p>Description may be implicit or explicit in the answer. Reasons are the main driver to access L2 and L3.</p> <p>Data can be taken from dates e.g. 1800 / 2010 or it can be by reference to increase of tertiary activities</p> <p>Exemplar responses</p> <p>L3 The education system has changed in the UK; it is compulsory to go to school so people have more knowledge and skills therefore they can work in jobs which require this e.g. teacher</p> <p>L3 In the 1900's the UK was rapidly industrialising, due to more manufactured products being sold. Therefore tertiary increased to sell the manufactured products for even higher prices allowing the tertiary sector to expand</p> <p>L2 Tertiary employment increased due to a development boom, so more money could be spent on services</p> <p>L2 Education has changed and more people go to school and they want jobs to suit their qualifications</p> <p>L1 In 2010 tertiary industry was at its peak L1 In 1900 tertiary employment was 55% L1 As primary lost employees, tertiary gained employees</p>
L3		Level 3 (5–6 marks) Description of the pattern of employment in UK's tertiary sector with excellent reasons given. Data used to support answer. Written work is clearly legible and spelling, punctuation and grammar are accurate.		
L2		Level 2 (3–4 marks) Description of the pattern of employment in UK's tertiary sector with sound reason(s) given. Some mention of data to support answer. Written work is legible and spelling, punctuation and grammar are mostly accurate. Meaning is communicated clearly.		
L1		Level 1 (1–2 marks) Description of the pattern of employment in UK's tertiary sector with simple reason(s)/some mention of data. Written work contains mistakes in spelling, punctuation and grammar, which sometimes hinder communication.		

Question		Answer	Mark	Guidance
4		Indicative content	[8]	<p>Levelled question – see page 4 for instructions for answers marked by levels of response</p> <p>Accept any stakeholder including those not listed on the resource. Stakeholder need not be named, but may be implicit in the answer.</p> <p>Emphasis is on different views and the development of these. Views do not have to be for or against, just different from each other.</p> <p>If there is only one stakeholder Level 2 max, 4 marks regardless of how well developed the views are.</p> <p>If different stakeholders express the same reasons Level 2 max, 4 marks</p> <p>Exemplar responses in sequence by stakeholder not level</p>
L3		<p>Level 3 (7–8 marks) Excellent explanation(s) of how different stakeholders may be affected by the growth of a new business area. Written work is clearly legible and spelling, punctuation and grammar are accurate.</p>		<p>L3 a business owner may have a negative view as the new development may create new competition and they might need to increase pay to keep staff, which would lead to smaller profits.</p> <p>L2 a business owner may encourage the development because it will result in more people visiting the area, so therefore the company will make more money</p> <p>L1 a business owner may be pleased as they will be able to open a new branch</p>

Question		Answer	Mark	Guidance
L2		<p>Level 2 (4–6 marks) Sound explanation(s) of how different stakeholder(s) may be affected by the growth of a new business area. Written work is legible and spelling, punctuation and grammar are mostly accurate. Meaning is communicated clearly.</p>		<p>L3 an unemployed person would be in favour of the new development as this would create a job for them and mean a regular income and enable them to enjoy a better quality of life</p> <p>L2 an unemployed person would be in favour of the new development as this would create a job for them and mean a regular income</p> <p>L1 an unemployed person would be in favour of the new development as this would create jobs for them</p>
L1		<p>Level 1 (1–3 marks) Simple explanation(s) of how different stakeholder(s) may be affected by the growth of a new business area. Written work contains mistakes in spelling, punctuation and grammar, which sometimes hinder communication.</p>		

Question		Answer	Mark	Guidance
5		<p>Indicative content</p> <p>Level 4 (13–16 marks)</p> <ul style="list-style-type: none"> Well-developed reason(s) given as to why their chosen option is sustainable for the local economy Well-developed reason(s) given for the disadvantages of their chosen option Well-developed reason(s) given for rejecting one of the other options Written work is legible and spelling, grammar and punctuation are very accurate and meaning very clearly communicated. Good use of geographical terminology. <p>Level 3 (9–12 marks)</p> <ul style="list-style-type: none"> Developed reason(s) given as to why their chosen option is sustainable for the local economy Developed reason(s) given for the disadvantages of their chosen option Developed reason(s) given for rejecting one of the other options Written work is legible and spelling, grammar and punctuation are accurate. Meaning is communicated clearly. Use of appropriate geographical terminology. 	[16]	<p>Levelled question – see page 4 for instructions for answers marked by levels of response</p> <p>There are no wrong options- any option with appropriate explanation is acceptable</p> <p>Do not credit more than one rejected option</p> <p>Credit to be awarded for the use of own knowledge</p> <p>Examiners are reminded that Quality of Written Communication is integrated with the level descriptors. QWC will reflect how clearly ideas and concepts are expressed, but should not restrict candidates from reaching L2, L3 or L4</p> <p>L4 Option 1 is environmentally sustainable because it is close to a large regional centre (Exeter) meaning a large supply of workers who only need to travel a shorter distance to work, meaning less CO₂ emissions are produced, which cause global warming, which will result in less global warming.</p> <p>L3 the land is not being used efficiently as it is used for arable farming and therefore the income isn't very high. If we build industrial units, it would be more sustainable because the rate of unemployment would decrease and this would offer better well paid jobs and better working conditions for people, compared with farming.</p> <p>L3 I rejected option 1 because Matford Park already has an industrial development and facilities. Expanding it further</p>
	L4			
	L3			

Question		Answer	Mark	Guidance
L2	<p>Level 2 (5–8 marks)</p> <ul style="list-style-type: none"> Simple reason(s) given as to why their chosen option is sustainable for the local economy Simple reason(s) given for the disadvantages of their chosen option Simple reason(s) given for rejecting one of the other options Work is legible and spelling, grammar and punctuation are mostly accurate. Meaning is communicated with limited clarity. 			<p>would create competition for the existing businesses and may put them out of business, causing unemployment.</p> <p>L2 Opt 3 is sustainable because big companies will be attracted to Broadmeadow. This will be sustainable in the long term as it will create more jobs and workers will get more pay</p> <p>L2 The disadvantage of option 1 is that it will destroy nature and a place where children can play. This will affect their social well being in a bad way.</p>
	<p>Level 1 (1–4 marks)</p> <ul style="list-style-type: none"> Limited mention is made as to why their chosen option is sustainable for the local economy Limited mention of disadvantages of their chosen option Limited mention of the reasons one other option rejected Written work contains mistakes in spelling, grammar and punctuation, which sometimes hinder communication <p>0 Marks No evidence submitted or response does not address the question</p>			<p>L1 Environmentally option 2 is not sustainable as it won't look as natural and nice</p> <p>L1 I chose option 1 because it brings lots of money to the area</p>

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