OCR
Oxford Cambridge and RSA

GCSE

Geography B

Unit **B561/01**: Sustainable Decision Making Exercise (Foundation 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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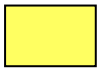
Annotations

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

Annotation	Meaning of annotation
	Tick
dev	Development
BP	Blank Page – this annotation **must** be used on all blank pages within an answer booklet (structured or unstructured) and on each page of an additional object where there is no candidate response.
BOD	Benefit of doubt
L1	Level 1
L2	Level 2
L3	Level 3
^	Omission
IRRL	Irrelevant
	Used to show links or highlight a section of the response
	Highlight – can be used to highlight sections of script

Question			Answer/Indicative content	Mark	Guidance
1	(a)	✓	Country C	1	Point marking
	(b)	✓	Fishing	1	Point marking
	(c)	✓	75%	1	Point marking – credit any obvious indication of correct answer If more than one answer indicated = 0
	(d)	✓	catering/chef/cook or similar from that sector	1	Point marking Question asks about a job shown in Resource 2 – so only Catering/Restaurant industry
2	(a)	✓	Any change from Resource 3 e.g. less shipbuilding less/no dockyards / factories change from Secondary to Tertiary Industry more leisure activities more offices	1	Point marking NOT: Bridge Fewer/more people employed Must express CHANGE so answers should indicate less/more or from/to ideas
	(b)	✓	Only the table shows 1945-2011 figures so only answer is fewer/less people employed <u>in mining</u>	1	Point marking Figures can be used – but must state in <u>mining</u> industry
	(c)	✓ dev	the coal ran out ✓so the pits have closed dev less workers needed ✓ as technology/machinery improved (dev) no longer sufficient jobs in the region✓ to attract new businesses / create new jobs✓ new offices/facilities have been built (dev)	2	Point marking ✓ for change – (dev) for development No credit for decrease in Primary - increase in Tertiary – this is the change – question asks why the change has happened
3	(a)	✓	10%	1	Point marking

<table>
<tr><th colspan="3">Question</th><th>Answer/Indicative content</th><th>Mark</th><th>Guidance</th></tr>
<tr><td></td><td>(b)</td><td>✓</td><td>Tertiary</td><td>1</td><td>Point marking</td></tr>
<tr><td></td><td>(c)</td><td>✓
dev</td><td>✓ for growth due to:

Expansion/improvement of:
• Education
• Health
• Social Services
• Other Public Services
• Leisure Activity Provision
• Shopping Facilities including online
• Transport
• Financial Services

Increased wealth
• In UK
• Individuals</td><td>4</td><td>Point marking

At least 2 ✓ points needed – up to max 4 per appropriate reason for growth of tertiary

Development marks up to max of 2 can be given from these

A development point cannot be credited twice from 2✓ points

ONE valid developed point that does not come off the back of a tick point can be credited as a tick in its own right
e.g. more teachers needed without saying why

<table><tr><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>4</td></tr><tr><td>✓</td><td>✓</td><td>✓</td><td>dev</td><td>4</td></tr><tr><td>✓</td><td>✓</td><td>dev</td><td>dev</td><td>4</td></tr><tr><td>✓</td><td></td><td>dev</td><td>dev</td><td>3</td></tr></table></td></tr>
<tr><td>4</td><td></td><td>✓</td><td>Good transport links/accessible
Provides modern/specialised offices/ buildings
Opportunity to expand into this area / room to expand on the site
Close to urban area for university/financial facilities/etc.
Close to urban area for workers
Attracts a large customer base/ has a large sphere of influence/close to markets – NOT ‘busy’
Lower business rates/land values/Government incentives
Close to similar businesses (for comparison shopping)
Close to suppliers
It is a pleasant working environment</td><td>4</td><td>1 mark for each reason

4 x ✓ = 4</td></tr>
</table>

Question			Answer/Indicative content	Mark	Guidance
5	(a)	✓ dev	Name of **any** relevant stakeholder who would be pleased Examples: Unemployed Person Unemployed Person(✓) because they may get a job (✓) so could improve their quality of life (dev) Delivery driver (✓) would be pleased because they are easy to get to (✓) and so she can work more efficiently (dev) A mobile food outlet owner (✓) would be pleased because there would be more customers (✓) so he can sell more food (✓)	**3**	1 mark for selecting relevant pleased stakeholder who may or may not be selected from Resource 6 Other 2 marks Give a reason that is developed ✓+dev OR Give 2 reasons ✓+✓ Reason or reasons must relate to the named stakeholder For Mobile Food Outlet Owner, consider both a static burger van type business and one who delivers sandwiches etc. to businesses on the Park
	(b)	✓ dev	Name of **any** relevant stakeholder who would not be pleased. Examples: Delivery driver may not be pleased(✓) as he has to drive to new places(✓) and waste time and fuel getting lost(dev) A business owner in another part of the city would not be pleased (✓) because their sales might fall (✓) and employees might move to a more modern workplace (✓)	**3**	1 mark for selecting relevant pleased stakeholder who may or may not be selected from Resource 6 Other 2 marks Give a reason that is developed ✓+dev OR Give 2 reasons ✓+✓ Reason or reasons must relate to the named stakeholder

Question			Answer/Indicative content	Mark	Guidance
6	(a)	L3 L2 L1	**Level 3 (5-6 marks)** **Developed** reasons given why the chosen option is the best, with developed explanation of ideas, showing good understanding. They demonstrate developed skills of analysis and evaluation. Written work is legible and spelling, punctuation and grammar are accurate. Meaning is communicated very clearly **Level 2 (3-4 marks)** **Simplistic** reason(s) given why the chosen option is the best, with simple explanation of ideas, showing some understanding. They demonstrate simple skills of analysis and evaluation. Written work is legible and spelling, punctuation and grammar are mostly accurate. Meaning is communicated clearly. **Level 1 (1-2 marks)** **Limited** reason(s) given why the chosen option is the best, with limited or no explanation, showing limited understanding with little development. They demonstrate limited skills of analysis and evaluation. Written work contains mistakes in spelling, punctuation and grammar, which sometimes hinders communication. **0 Marks** No evidence submitted or response does not address the question.	6	There are no wrong options- any option with appropriate explanation is acceptable 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 or L3 See Table on Page 11 for indicative content for 6a,b & c This list is not exhaustive – always credit relevant geography If answer is not specific to the Chosen Option – Max L2

Question			Answer/Indicative content	Mark	Guidance
	(b)	✓ dev	e.g. Option 1: uses up open space ✓ leads to urban sprawl (dev)	3	Points marking Credit up to 3 disadvantages Minimum of 2 disadvantages for full marks (with 1 developed point Max 1 mark for development ✓ ✓ ✓ ✓ ✓ dev
	(c)	✓ dev	e.g. Option 2: greenfield site ✓ damages habitats (dev) Option 3 existing businesses may have to relocate ✓ resulting in loss of income for those businesses (dev)	4	Points marking Maximum of 2 marks per option 1 ✓mark + 1 (dev) mark 2 x 2 A development point cannot be credited twice from 2✓ points
	(d)	✓ dev	So that jobs are lasting(✓) meaning people can plan financially for the future (dev) So businesses continue to be attracted (✓) boosting the economy for many years (dev) To keep air pollution low (✓) to maintain people's health (dev) So money is not spent on the same thing again(✓) as the council can't afford to waste resources (dev)	3	Points marking Up to 2✓ mark for suggestions of why any developments in the area should be sustainable + max 2 (dev) marks If no ✓ - Can give a link as a ✓ ✓ ✓ dev ✓ dev dev Development marks can only be given for linked point

Location	Advantages	Disadvantages
	All 3 sites will have advantages for the **region**: Creation of jobs Multiplier effect Diversify local economy Development of out-of-town sites eases congestion in the town/city centre	Some disadvantages may apply to all sites: e.g. Increase in Noise/Air pollution (pollution type must be specified) Damage to aspects of the environment (must be specified e.g. habitats) Large companies move in and out compete smaller local businesses
1. **EXPAND** the site at Matford Park near Exeter	Flat land / easy to build on Near large city Good road networks / near M5 Range of existing businesses there / customer base Established site – much of infrastructure already in place	Using up open space / urban sprawl Damage to wildlife habitats Already busy area / likelihood of traffic congestion Not central to local region / only develops major city area Enclosed area – future expansion difficult
2. **DEVELOP** the site at Ware Barton	Greenfield site – easier to build than re-development Associated housing and leisure facilities nearby Already considered in Local Council Plan Would incorporate Park & Ride Good road links (A380 and M5) Potential for future expansion	Would use up arable farmland / greenfield site Increase urban sprawl Damage to wildlife habitats Visual pollution Increase traffic / becomes congested
3. **REDEVELOP** the Broadmeadow Industrial Estate	Brownfield site / No damage to wildlife habitats Would improve the visual impact Fulfil Teignmouth's need for modern commercial units Established Site – Infrastructure already in place Modern units would be better for existing businesses New layout of site would improve access for large lorries	Out of place in a Tourist / Seaside town A381 already a busy road / increased traffic congestion Existing businesses / might have to re-locate / be driven away Noise / Congestion problems during construction Further away from main trunk roads than the other sites *Cost / Time to clear site

As all sites have the same FUNDING and LAND AREA <u>Cost</u> can only be credited as developed points so for example:
A. Cost of bringing services into sites 1 and 2
B. Clearance of Site 3

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