

Mark Scheme (Results)

Summer 2010

GCSE

GCSE Geography (5GA1H) Paper 1

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General Marking Guidance

- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.
- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.
- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.
- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.
- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.
- Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.
- Mark schemes will indicate within the table where, and which strands of QWC, are being assessed. The strands are as follows:

i) ensure that text is legible and that spelling, punctuation and grammar are accurate so that meaning is clear

ii) select and use a form and style of writing appropriate to purpose and to complex subject matter

iii) organise information clearly and coherently, using specialist vocabulary when appropriate.

Question Number	Acceptable Answers	Reject	Mark
1(a)(i)	Warkworth (village)		1

Question Number	Acceptable Answers	Reject	Mark
1(a)(ii)	(River) Coquet		1

Question Number	Acceptable Answers	Reject	Mark
1(b)(i) 1(b)(ii) 1(b)(iii)	From top left clockwise Current or former place of worship / church with spire Bridge (over River Coquet), A1068. Do not accept road. A1068.		3

Question Number	Acceptable Answers	Reject	Mark
1(c)	One mark per point. Max 2 without map evidence Most of the woodland is in the river valleys (1) such as River Coquet (1) There are other isolated pieces of woodland (1) There is a large area of woodland near Swarland village (1) The woodland along the river valleys is mostly deciduous (1) The other areas of woodland are mostly coniferous (1) There is woodland in the north-west, south and south-west of the map.(1)		4

Question Number	Acceptable Answers	Reject	Mark
1(d)	10		1

Question Number	Acceptable Answers	Reject	Mark
1(e)(i)	<p>In most cases the symbol must be drawn not the word although allow Warkworth Harbour, weir</p> <p>Do not allow numbers from the question to indicate features on the map.</p> <p>1 mark for both tourist features</p> <p>1 mark for both water features</p> <p>2 marks for road</p> <p>See below.</p> <p>1. Two tourist information features - as shown on map below. They should be fairly accurate. Parking needs arrows as well as P if P's are not in the correct place.</p> <p>2. Two water features - flat rocks, dunes, disused lighthouse, beacon, high water mark</p> <p>3. Mark the route of the A1068 through the town</p> <p>1 mark for fair accuracy - for example enters map in approximately right place and makes connects with other roads with some accuracy. Goes along the side of the river, may slip into river occasionally.</p> <p>2 marks for good accuracy. Enters map and leaves at correct place, moves through grid squares accurately. Makes connections with other roads accurately. Moves along side of river with precision.</p>		4
<p style="text-align: center;">Figure 1b</p>			

Question Number	Acceptable Answers	Reject	Mark
1(e)(ii)	X marked in correct place see map.		1

Question Number	Acceptable Answers	Reject	Mark
2(a)(i)	1 mark per age group If graph completely correctly horizontally but not vertically = 1		2

Question Number	Acceptable Answers	Reject	Mark
2(a)(ii)	One mark per point. Reserve one mark for data. Max 2 marks without data. Warkworth has 12% of its population below the age of twenty. England has 21% of its population below the age of twenty. (2 marks one for comment and 1 for data) Warkworth has a 29% of its population above the age of 60 whereas England has 15% of its population above the age of 60. England has 5% more of its population in the 20 - 60 age groups. 0-30 is 17% Warkworth 0-30 is 30% England		4

Question Number	Acceptable Answers	Reject	Mark
2(b)(i)	Maps of the different information are drawn and stored digitally. (1) The information can then be seen at the same time on a computer screen. (1) The information is built up one on top of the other to allow it to be compared. (1) Information about the world represented by points, lines and areas(1) is stored digitally (1) it can then be shown in different formats and analysed. (1) Allow definitions of GIS. (1) Split up map into different categories(1) There should be exemplification of the use of diagram. Not just describing what is there.		3

Question Number	Acceptable Answers	Reject	Mark
2(b)(ii)	Any reasonable answer such as parents of prospective children, police, planners, council not government, architects, estate agents, geographers, armed forces. Developers not builders. Not archaeologists, geologists. The answers must be a group of people.		1

Question Number	Acceptable Answers	Reject	Mark
3(i)	Cow, cattle, bull, heifer		1

Question Number	Acceptable Answers	Reject	Mark
3(ii)	Rice growing, landfills, burning vegetation, wetlands, including swamps.		1

Question Number	Acceptable Answers	Reject	Mark
3(iii)	<p>One mark per point Points can be developed with greater reasoning or specific examples. There has been a large increase in the population (1) of countries such as China (1) therefore more rice is being grown. (1) Large areas of Rainforest have been burnt to provide land for cattle farming (1) List max 1</p>		3

Question Number	Acceptable Answers	Reject	Mark
3(iv)	<p>1 mark per point Max 2 marks for descriptive points. When fossil fuels are burnt they release gases which build up in the atmosphere. (1) One of these gases is carbon dioxide (1) which contributes to the greenhouse effect. (1) The greenhouse effect is when heat energy is trapped in the atmosphere (1) which causes temperatures to rise. (1)</p>		4

Question Number	Acceptable Answers	Reject	Mark
3(v)	<p>One mark per point Max 2 no examples Max 3 if only one example is given. An example could be Polar Bear or Great Barrier Reef of Maldives for coral reefs. Credit - habitat loss Flooding and drought will not be credited unless linked to an area which may be a located example. Sea levels are rising (1) low lying areas will be flooded (1) in places such as the Maldives(1) Crop yields are decreasing (1), in countries such as Tanzania (1) Glaciers are retreating (1) in Antarctica (1) Answers can be about the effects on both people and the environment. Do not accept global impacts of deforestation.</p>		4

Question Number	Acceptable Answers	Reject	Mark
4(a)(i)	Peru		1

Question Number	Acceptable Answers	Reject	Mark
4(a)(ii)	Asia		1

Question Number	Acceptable Answers	Reject	Mark
4(a)(iii)	<p>One mark per descriptive point. Credit explanations if given but can still get max marks with descriptive points Unspecific points (no examples) max 2 Max 3 if only one example given The examples can be from the same country. An example would be the name of country and some information about what is happening to the people who live there. Ecuador Stomach cancer is 5 times more frequent in the people of the Huaorani because of Toxic water from Oil extraction. Answers can go to max without both people and the environment. Do not accept global impacts of deforestation.</p>		4

4b*	The most common named schemes will be Park and Ride or Congestion Charging. Can be any level of development. Comments such as Cambridge has 5 Park and Ride sites is what is required for a specific location point. If a number of schemes are briefly discussed the answer can get to top level 2.	
Level	Mark	Descriptor
	0	No rewardable material
Level 1	1-2	A basic answer Simple descriptive statements about traffic management. Could be about anywhere.
Level 2	3-4	A clear answer Level two is reached by there being descriptive points which clearly discuss a named transport management scheme in an urban area. Or less description but a specific location point or an explanation. The top of the level is reached by there being descriptive points which clearly discuss transport management in an urban area and a specific location point or two named schemes without any specific location points. Or specific location points about one named transport management scheme. For the top of the level there should be an explanatory point.
Level 3	5-6	An explicit answer Level 3 is reached by there being specific location information about a named scheme along with a number of descriptive comments and explanation. Another scheme must be mentioned to reach this level. For the top of the level there should be specific location information about two schemes along with a number of descriptive comments and explanation. There may be some imbalance.

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