

Mark Scheme (Results)

Summer 2012

GCSE Geography A 5GA1F  
Geographical Skills

## **Edexcel and BTEC Qualifications**

Edexcel and BTEC qualifications come from Pearson, the world's leading learning company. We provide a wide range of qualifications including academic, vocational, occupational and specific programmes for employers. For further information, please visit our website at [www.edexcel.com](http://www.edexcel.com).

Our website subject pages hold useful resources, support material and live feeds from our subject advisors giving you access to a portal of information. If you have any subject specific questions about this specification that require the help of a subject specialist, you may find our Ask The Expert email service helpful.

[www.edexcel.com/contactus](http://www.edexcel.com/contactus)

### **Pearson: helping people progress, everywhere**

Our aim is to help everyone progress in their lives through education. We believe in every kind of learning, for all kinds of people, wherever they are in the world. We've been involved in education for over 150 years, and by working across 70 countries, in 100 languages, we have built an international reputation for our commitment to high standards and raising achievement through innovation in education. Find out more about how we can help you and your students at: [www.pearson.com/uk](http://www.pearson.com/uk)

Summer 2012

Publications Code UG032274

All the material in this publication is copyright

© Pearson Education Ltd 2012

Question Number	Acceptable Answers	Reject	Mark
1(a)( i)	<input checked="" type="checkbox"/> D current or former place of worship with spire	All other responses	1

Question Number	Acceptable Answers	Reject	Mark
(ii)	<input checked="" type="checkbox"/> C Post Office	All other responses	1

Question Number	Correct answer	Reject	Mark
iii	Nucleated or synonym e.g. clustered (1) around crossroads/church(1) growth along roads (1) any relevant data to support a point e.g. identifies roads along which growth has taken place specifically A4104 and/or B4208 (1) any one comment about variation within area e.g. more growth in west (1)	Anything unrelated to shape NB do not credit map detail if shape not the focus of the answer	3 1+1+1

Question Number	Correct answer	Acceptable answer	Mark
b (i)	Woodland areas correctly shaded. Likely to be; 7533/7633 patch of coniferous (1) Patch of non-coniferous in 7235/7236 (1)	Allow them to draw in 'missing' areas of woodland	2 1+1

Question Number	Correct answer	Acceptable answer	Reject answer	Mark
bii	Motorway is correctly marked (single line is acceptable) (1)  Runs through bottom half of 7433 and 7533 May or may not show it running along the southern boundary of 7633 and 7733)  Urban area is correctly marked ( <b>some attempt at block shading</b> ) (1)  Urban area shaded in at least four grids - specifically  Must have 7038,7037 and 7036 + any one of 7138,7137,7136 and 6937	Runs off 'extract in 7633	Where motorway 'enters' extract at about 725330 rather than 740330  Unshaded urban area even if area is correct  Too large an urban area stretching into any area south of 36, west of 69 or east of 72	2 1+1

Question Number	Acceptable Answers	Reject	Mark
c	<p>The urban area of Ledbury is to the <b>north west</b> of the area.</p> <p>The land use to the south-west of the area is <b>farmland</b>.</p> <p>The River <b>Leadon</b> flows through the area.</p> <p>The land use to the north-east of the area is mainly <b>woodland</b> with a few small settlements such as <b>Eastnor</b> in grid square 7337.</p>	All other answers	<p><b>5</b></p> <p><b>1+1+</b></p> <p><b>1+1+</b></p> <p><b>1</b></p>

Question Number	Correct answer	Acceptable answer	Reject	Mark
d	<p>One mark for each of the following</p> <p>More woodland (1b)/less woodland (1)</p> <p>More farmland(RR)/less farmland (1)</p> <p>More urban development (1b)/les urb dev (1)</p> <p>More parkland(1b)/less parkland (1)</p> <p>More rivers (RR)/less rivers (1)</p> <p>More tourist info (1b)/less tourist info (1)</p>	<p>More motorway in RR (1)</p> <p>More A roads in lb (1)</p>	<p>All answers that are unrelated to land-use i.e height/slope etc.</p> <p>All answers unrelated to map evidence</p> <p>Answers that do not clarify which has more/less</p> <p>Second mark when - more for Diff 1 less for Diff 2</p>	<p><b>2</b></p> <p><b>1+1</b></p>

Question Number	Acceptable Answers	Reject	Mark
2 (a) (i)	South west (1) SW (1)	All other answers	1

Question Number	Correct answer	Reject	Mark
ii	<p><b>Each arrow correct length. (1+1)</b></p> <p>Length of Wellington Heath line should be within a cm of the left margin (if correctly positioned) - allow 5.0- 7.0 cm as measured from middle of P (use the Gloucester bar (2) as rough guide to length for on-screen marking); allow 2.5-3.5 for UoS</p> <p><b>Each arrow in approximately the correct direction. (1+1)</b></p> <p>Arrows should be broadly horizontal across page, Wellington Heath to the west, Upton-u-Severn to the east. Allow 20° variance</p>	All other answers	<p><b>4</b></p> <p>1+1+ 1+1</p>

Question Number	Acceptable Answers	Reject	Mark
(a) (iii)	<input checked="" type="checkbox"/> B shows two pieces of information on one diagram	All other answers	1

Question Number	Correct answer	Reject	Mark
b	<p>Any legitimate comment about distance (1)</p> <p>Any legitimate comment about numbers (1)</p> <p>Any legitimate comment about direction (1)</p> <p>Data to support any one point (1)</p> <p>Overview or relationship suggested (1)</p>	Explanatory points	<p><b>3</b></p> <p>1+1+ 1</p>

Question Number	Correct Answer	Reject	Mark
3(a)(i)	<input checked="" type="checkbox"/> A 2km	All other answers	1

Question Number	Correct Answer	Reject	Mark
(ii)	<input checked="" type="checkbox"/> C 1987 - 2007	All other answers	1

Question Number	Correct Responses	Reject	Mark
(iii)	In some countries close to the <b>equator</b> , crop yields are <b>decreasing</b> because of the lack of <b>rainfall</b> . In other parts of the world different crops can be grown because the temperature is <b>increasing</b> . Global sea levels are rising. This means that many islands in the <b>Pacific</b> will be covered with sea water.	All other answers	5 1+1+ 1+1+ 1

Question Number	Correct Responses	Reject	Mark
3(b) (i)	<input checked="" type="checkbox"/> B coal	All other answers	1

Question Number	Correct Responses	Reject	Mark
(ii)	<input checked="" type="checkbox"/> A carbon dioxide	All other answers	1

Question Number	Correct Responses	Reject	Mark
(iii)	<input checked="" type="checkbox"/> C an increase in global temperatures	All other answers	1

Question Number	Correct Responses	Reject	Mark
c	<i>Melting permafrost (1) Wetlands and the decay of organic matter (1) Rice paddies (as above with wetlands) (1) Forest fires - burning organic matter (1) Animals - cattle and termites (1) Landfill - rotting organic matter(1)</i>  Given that any of the above sources create at any moment 'more' methane in the atmosphere allow any legitimate description of source without necessarily commenting specifically about 'increase'.	Answers related to burning fossil fuels	2 1+1

Question Number	Correct Response	Reject	Mark
4(a) (i)	<p>One mark each for any legitimate point about any one global region (1 ) Legitimate data to support any region description - doesn't need to quote ha(1) In balance globally - <b>no change</b> (1) any legitimate inter-regional comparative point as in 'decline more in Africa than Oceania' (1)</p> <p><b>Limit to 2 marks if no use of data</b></p>	<p>All explanation</p> <p>Comments such as - overall it has gone down/gone up</p>	<p><b>3</b></p> <p><b>1+1+1</b></p>

ii	<p>Examples might be specific places or specific but unlocated examples of a type of resource exploitation</p> <p>N.B Effects might be positive</p> <p>N.B Max 3 if only one effect given - question asks for effects</p> <p>Effects might be on people and/or environment</p> <p>Effects might be at any scale from local to regional but have to be rainforest specific</p> <ul style="list-style-type: none"> <li>• Basic cause of is loss of or severe disruption to biome - deforestation for agriculture/mining etc(1) detail of what/where who e.g in Cameroon(1)</li> <li>• Leading to loss of species/habitat correctly detailed or identified (1)</li> <li>• Impact on people's health/culture/life-style correctly detailed or identified (1)</li> <li>• <b>If no species/groups identified</b> then allow 1 mark for general overview about destroyed habitats, dead /extinct species, sick people (1)</li> <li>• Impact on economy of region (1) rising income selling resources (1) correctly detailed or identified (1)</li> </ul> <p>So many 4/4 answers will be: Basic cause (1) extended by detail (1) one impact/effect (1) 2<sup>nd</sup> impact/effect</p>		<p><b>4</b></p> <p><b>1+1+1+1</b></p>
----	---	--	---------------------------------------

Question Number	Indicative content	
<b>4b*</b>	<p>Wide range of possibilities including;</p> <ul style="list-style-type: none"> <li>• Integrated transport systems</li> <li>• Urban planning to reduce need for transport through co-location</li> <li>• Bike rental systems</li> <li>• Subsidised public transport</li> <li>• Re-introduction of trams</li> <li>• Park and ride schemes</li> <li>• Congestion charging and electronic road pricing</li> <li>• Management by planners/city administrators and possibly central government</li> <li>• Sustainability delivered through reduction of emissions</li> </ul> <p>Command is ‘Explain how...’ so expect something on what the focus/aim of management is in terms of reducing congestion/noise/pollution etc. at very top of mark range</p> <p>Management is largely controlled by local and national governments</p>	
Level	Mark	Descriptor
	0	No rewardable material
<b>Level 1</b>	1-2	One traffic management scheme identified with limited description or two schemes identified but not described. Limited development of detail about scheme. Management not addressed or inferred. Location basic; a simple named place. Very limited use of geographical terminology; no structure to answer.
<b>Level 2</b>	3-4	At least one traffic management scheme described. Limited development of detail about scheme but basic outline provided. Impact suggested (reduced pollution). Location basic but more than a simple named place. Limited use of geographical terminology; some structure to answer.
<b>Level 3</b>	5-6	At least two traffic management schemes described; at least one developed with good detail. Impact detailed (reduction in traffic of x vehicles per hour). Good locational detail. Some use of geographical terminology; answer has good structure.

**Total 50 marks**

Further copies of this publication are available from  
Edexcel Publications, Adamsway, Mansfield, Notts, NG18 4FN

Telephone 01623 467467

Fax 01623 450481

Email [publication.orders@edexcel.com](mailto:publication.orders@edexcel.com)

Order Code UG032274 Summer 2012

For more information on Edexcel qualifications, please visit our website  
[www.edexcel.com](http://www.edexcel.com)

Pearson Education Limited. Registered company number 872828  
with its registered office at Edinburgh Gate, Harlow, Essex CM20 2JE

Ofqual



Llywodraeth Cynulliad Cymru  
Welsh Assembly Government

