

**GCSE**

**Geography A**

Unit **A732/02**: Geographical skills (Higher Tier)

General Certificate of Secondary Education

**Mark Scheme for June 2015**

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This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which marks were awarded by examiners. It does not indicate the details of the discussions which took place at an examiners' meeting before marking commenced.

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

Annotation	Meaning
	Correct response (use only to credit in point marked questions).
	Incorrect response (use only to indicate incorrect in point marked questions).
	Information omitted
	Unclear
	Irrelevant
	Development / Developed Statements
	Two statements are linked together
	Highlighting an issue e.g. irrelevant paragraph or linked statements. Use in conjunction with another stamp e.g.  or 
	Benefit of doubt given for answers that just gain the mark
	Level one
	Level two
	Level three
	Used to indicate pages that have not been written on

Question			Answer/Indicative content	Mark	Guidance
1	(a)	(i)	Lindhurst (Farm)	1	
1	(a)	(ii)	Hospital / Hospl	1	
1	(a)	(iii)	Golf Course / Links / Golf Links	1	 = Golf Course
1	(b)		Decrease in manufacturing;  From 36% / 37% in 1961 to 9% in 2011 (or reduced by 27% / 28%);  Increase in services;  From 48% / 49% / 50% in 1961 to 81% in 2011 (or increased by 31% / 32% / 33%);	4	2 x 2  % for statistics required  NB Points made must refer to change for credit to be awarded – one statistic alone is not sufficient as this does not show a change  NB If candidates write in the incorrect section, then still allow credit
1	(c)		Decrease in (jobs) in <b>primary sector</b> / extractive industry; (1) Closure of coal mines / demand for coal fell / coal was running out / coal was too expensive to mine (dev)  Decrease in jobs in <b>secondary sector</b> / <b>manufacturing</b> industry; (1) Decline of manufacturing industries/textiles/ /footwear/metal goods / Factories were closed / There was competition from abroad for factories (dev)  Increase in jobs in <b>tertiary sector</b> / industry; (1) New service industries attracted / new services in area / new service jobs created (dev)  Increase in jobs in <b>quaternary sector</b> / industry; (1) High tech industries attracted to the area / new high tech jobs created (dev)	4	Max. 3 marks on description Max. 3 marks on explanation  NB: Only accept points from the evidence in the extract however points can be reworded e.g Competition from abroad would be acceptable as 'goods are cheaper in other countries' or 'some companies have outsourced their goods to other countries'  NB: Allow explanation marks without description marks  NB: All description must specifically relate to employment structure e.g primary / secondary / manufacturing / tertiary / quaternary

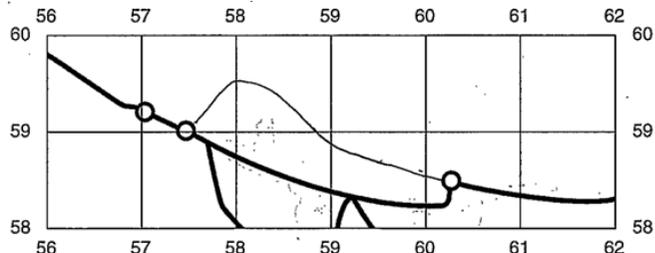
Question			Answer/Indicative content	Mark	Guidance
2	(a)	(i)	<p>Small / many / square windows;</p> <p>Delivery doors / large doors / loading bay;</p> <p>Low level/no more than 2 storey/2 storeys/2 floors;</p> <p>Modern building/new/building still under construction;</p> <p>Prefabricated/steel sheets/metal sheets; Grey/white;</p> <p>Flat roof/sloping roof;</p> <p>Rectangular / angular / square / box like shape;</p> <p>etc.</p>	3	<p>3 x 1</p> <p>NB: Photos only must be used – map evidence = 0.</p> <p></p> <p>=</p> <p>Roads</p> <p>Flat land</p> <p>Building work</p> <p>Fencing</p> <p>Containers/skips</p> <p>They are factories/offices/distribution warehouse</p> <p>Big/small</p> <p>Any comment on location</p> <p>Open space/lots of space</p> <p>Brick/concrete</p> <p>A lot of space</p> <p>It is green</p> <p>Car parks</p> <p>Lights</p> <p></p> <p>=</p> <p>Windows</p> <p>Doors</p>

Question			Answer/Indicative content	Mark	Guidance
2	(a)	(ii)	<p>2 kms from junction (28) of M1; East side of M1; North East of J28 of M1; South of A38 / The A38 is to the north of the business park;</p> <p>200m – 400m from junction of A38 and B6027; 1km from junction of A38 and B6023;</p> <p>2kms from edge of Kirkby-in-Ashfield; West North West / West of Kirkby-in-Ashfield;</p> <p>1km from edge of Sutton-in-Ashfield / 3km from CBD of Sutton-in-Ashfield; South West of Sutton-in-Ashfield;</p> <p>8km from centre of Mansfield; South West from Mansfield;</p> <p>100m from Crow Tree Farm; North of Crow Tree Farm;</p> <p>100m from Grange Farm; West of Grange Farm;</p> <p>etc</p>	4	<p>4 x 1</p> <p>One mark for distance and / or one mark for direction <b>from any named feature</b>. Do not accept near or close to as a distance reference</p> <p>Accept correct distances and / or directions from <b>any</b> named settlement or feature. NB – Candidates can use <b>any</b> feature on the map providing it is named so check all references</p> <p>NB Tolerance on distances must be determined by the size of the business park so candidates could measure to the nearest or furthest part of the business park</p> <p>=  Distance from the M1 / A38 (Must be a named feature on the M1 or A38 e.g. a junction or the services); Motorway Junction – must be named as the M1;</p> <p>Ashfield</p> <p>=  Grid References</p>

Question			Answer/Indicative content	Mark	Guidance
2	(a)	(iii)	<p>(is close to urban areas) where plenty of potential workers live / where there is a market;</p> <p>(next to a dual carriageway / roads / motorway junction) which local people can drive to get to work/ accessible / good transport links;</p> <p>(next to roads / dual carriageway / 2 kilometres from junction 28 of the M1) which provides a link with the rest of the country / which can be used to transport goods / raw materials / increase in sphere of influence;</p> <p>(outside urban areas) where there is plenty of land available / where land is relatively cheap;</p> <p>(construction is made easier by) flat land;</p> <p>(away from people's homes) so there is unlikely to be opposition / people won't be disturbed by noise;</p> <p>(rural Location) which provides a scenic environment / aesthetically pleasing / nice countryside / not spoil the view.</p>	3	<p>3 x 1</p> <p>NB Question asks for explanation so do not accept simple locational ideas as credited in (ii)</p> <p></p> <p>=</p> <p>It is close to urban areas Next to a dual carriageway / roads Only 2km from junction 28 of M1 / junction of M1 Outside the urban areas Flat Land Away from people's homes / No one lives there Rural location</p> <p></p> <p>=</p> <p>Will create jobs</p> <p>NB Do not accept negatives e.g. <b>no</b> buildings on the land</p>

Question			Answer/Indicative content	Mark	Guidance
2	(b)		<p><b>Advantages:</b>                      Central location/middle of the country / Midlands;                       Easy to get to urban areas/towns/cities or near urban areas / towns / cities or named examples;                       Easy to get to motorways or well served by/near to motorways;                       It is linked to Ports <u>via motorways</u>;                       Easy to get to Airports or airports nearby/linked by motorway to airports;</p> <p><b>Disadvantages:</b>                      Long distance / far from ports                       Long distance / far from London / South East England / Economic hub in South East                       Long distance / far from Europe</p>	3	3 x 1  2 marks max. for advantages only 2 marks max. for disadvantages only  NB: Must state nearby / near to or similar idea to show accessibility.   = There are ports There are airports
3	(a)	(i)	South East / East South East	1	

Question			Answer/Indicative content	Mark	Guidance
3	(a)	(ii)	Post Office - 591586  Public House – 591575 / 592584  School - 589579  Church / Place of Worship – 592583 / 589574 / 587586	2	1 mark for service and one for reference (tolerance of +/-1 on 3 <sup>rd</sup> /6 <sup>th</sup> figures) = <b>X</b> Road Wind generators Nature reserve Grid Reference without any mention of a service = <b>^</b> = Symbols NB Do not accept symbols for service mark but credit the grid reference if correct e.g. PH would not be acceptable but the grid reference would.
3	(b)	(i)	3.5 (km) (accept 3.3 to 3.7 km)	1	
3	(b)	(ii)	The line of the by-pass must: <ul style="list-style-type: none"> <li>• Begin and end at correct roundabouts;</li> <li>• Crosses line 58 at approximately the mid-point;</li> <li>• Cuts the top right corner of grid square 5858.</li> </ul> (See below for correct route on the map)	2	2 marks to be awarded if the route is fully accurate 1 mark if there is <b>one</b> significant error 0 marks if there are <b>two</b> or more significant errors  NB: Thickness of the line is irrelevant. Ignore split in carriageway in grid square 5759.



Question			Answer/Indicative content	Mark	Guidance
3	(b)	(iii)	Curves round / Bends  Initially north east  Then to south east / east at the end	2	2 x 1  =  North of Rainworth Reference to woods / business park
3	(c)	(i)	By-pass / Fig. 5 is dual carriageway / has an embankment or verge in the centre of the road, original route / Fig. 6 is single carriageway / normal road / only has white lines down the centre;  By-pass / Fig. 5 is <b>wider</b> / 2 lanes in each direction compared to original route / Fig. 6 one lane in each direction;  By-pass / Fig. 5 is surrounded by countryside / forest / woodland / rural land / grassland but original route / Fig. 6 is built up/urban /house /homes/ shops/people live there/ settlement /residential;  By-pass / Fig. 5 does not have pavements / has grass verges, original route / Fig. 6 has footpaths / parked cars;  <b>More</b> street lights on the by-pass / Fig. 5 than on the original route / Fig. 6  By-pass / Fig. 5 is curved, the original route / Fig. 6 is straight;  Speed bumps on the original route / Fig. 6, By-pass / Fig. 5 is a flat surface;  etc.	3	3 x 1  Answer must be derived from OS map extract or Figs 5 and 6  =  Motorway Reference to how busy the roads are Lorries / cars Fig. 5 goes round Rainworth and fig. 6 goes through it  NB: Link ideas together if the candidate has written one comparison on 2 separate lines  NB: Candidates must identify which road they are talking about through By-pass / Fig. 5 and original route / Fig. 6.  NB: Candidates writing 'the other has / hasn't' = 0 e.g. 'By-pass is dual carriageway, the other isn't.'

Question	Answer/Indicative content	Mark	Guidance
3 (c) (ii)	<p>Ideas such as:                      It will decrease traffic in the village / to reduce number of cars driving through village (1)                      ...therefore decreases noise (dev) / so it is safer (dev);</p> <p>Village road was narrow (1)...so difficult for large vehicles to negotiate / reduce accidents (dev);</p> <p>Many road junctions in village (1) ...so hold ups were likely (dev);</p> <p>Built up area / houses / services alongside the road (1) ...so dangerous for residents / less noisy / disturbs residents less / less air pollution / less congestion (dev);</p> <p>To enable through traffic to get from one side of Rainworth to another (1)... so they would not get held up in traffic queues (dev);</p> <p>Easy access to Mansfield from the East (1) ... so journey times will be reduced (dev);</p> <p>etc</p>	4	<p>2 x 2</p> <p>Answer must be derived from OS extract and / or figs 5/6.</p> <p>One mark for a simple idea with a further mark for development.</p> <p>NB The indicative content explains a few ideas – be prepared to accept other valid responses with development</p> <p>                      =                      Easy access to Mansfield</p>

Question			Answer/Indicative content	Mark	Guidance
3	(d)	(i)	<p><u>Number of vehicles / traffic / cars / commercial vehicles was reduced</u> (reserve 1 mark);</p> <p>Statistics before and after for either cars or commercial vehicles or differences see across (MAX 2);</p>	3	<p>3 x 1</p> <p>Reserve 1 on statement and MAX 2 for use of statistics.</p> <p>1 mark reserved for overall statement + 1 mark for statistics</p> <p>NB: The figures are as follows:  <b>Differences are:</b>  <b>From</b> Mansfield there are 95 – 110 less cars.  20 -30 less commercial vehicles;  <b>To</b> Mansfield there are 75 – 90 less cars.  25 – 35 less commercial vehicles;</p> <p><b>Before</b> by-pass <b>From</b> Mansfield  Cars: 150-160  Commercial vehicles: 50  Total: 210 vehicles  <b>Before</b> by-pass <b>To</b> Mansfield  Cars: 125-130  Commercial vehicles: 50-55  Total: 175 – 185 vehicles</p> <p><b>After</b> by-pass <b>From</b> Mansfield  Cars: 50-55  Commercial: 20-30  Total: 70 – 85 vehicles  <b>After</b> by-pass <b>To</b> Mansfield  Cars – 40-50  Commercial vehicles – 20-25  Total: 60 – 75 vehicles</p> <p>NB:  These could be straight statistics or could be expressed as values such as 2/3 or 1/2</p>

Question			Answer/Indicative content	Mark	Guidance
3	(d)	(ii)	<p><b>Level 3 [7-8 marks]</b> Explains in detail why groups of people will have benefitted whilst others will be disadvantaged, supported by map evidence and demonstrates an understanding with developed ideas. Written work is legible and spelling, punctuation and grammar are accurate. Meaning is communicated very clearly.</p>	8	<p>The response is to be marked holistically. Examiners to label overall level awarded at the end of the response.</p> <p>Content is likely to focus on issues (groups of people) such as: Reduction of dangers from traffic in village (residents); Reduction of noise/vibrations from traffic (residents); Loss of passing trade (retailers); Quicker journey along A617/less hold ups (lorry drivers); Loss of farmland (farmers); Loss of vegetation/removal of woodland (environmental groups) etc.</p> <p><b>To enter Level 3 candidates need to:</b></p> <ul style="list-style-type: none"> <li>• refer to at least <b>two groups</b> of people</li> <li>• include at least <b>one developed statement</b> related to <b>benefits</b></li> <li>• include at least <b>one developed statement</b> related to <b>disadvantages</b></li> <li>• include at least <b>one piece of map evidence</b> which could include named places. Do not accept A617 / Rainworth as map evidence as these are in the stem of the question</li> </ul> <p>Top mark level 3 answers are likely to refer to several groups of people with several developed statements and include clear map evidence</p> <p>e.g. The School (<i>group of people 1</i>) seen at 589579 (<i>map evidence</i>) will benefit as it will be safer for children to cross roads as there will be less cars around (<i>developed benefit</i>). However, private businesses (<i>group of people 2</i>) will suffer because less cars will travel through the area, so less people will buy from them and profits will decrease (<i>developed disadvantage</i>).</p>

Question	Answer/Indicative content	Mark	Guidance
	<p><b>Level 2 [4-6 marks]</b> Explains in detail why groups of people will have benefitted and / or others will be disadvantaged, and demonstrates an understanding with developed ideas. Written work is legible and spelling, punctuation and grammar are mostly accurate. Meaning is communicated clearly.</p> <p><b>Level 1 [1-3 marks]</b> Explains with simple statements. Written work contains mistakes in spelling, punctuation and grammar, which sometimes hinder communication</p> <p><b>0 marks</b> No evidence submitted or response does not address the question.</p>		<p><b>To enter Level 2</b> candidates need to:</p> <ul style="list-style-type: none"> <li>refer to at least <b>one group</b> of people</li> <li>include at least <b>one developed statement</b> relating to <b>either benefits or disadvantages</b></li> </ul> <p>Top mark level 2 answers are likely to consider both benefits and disadvantages and relate these to different groups of people</p> <p>e.g. Residents of Rainworth (<i>group of people 1</i>) would benefit from the building of the bypass as the decrease in traffic would mean less air pollution which is better for their health (<i>developed benefit</i>).</p> <p><b>To enter Level 1</b> candidates need to:</p> <ul style="list-style-type: none"> <li>include <b>simple statements</b> relating to either benefits or disadvantages</li> </ul> <p>Top mark level 1 answers are likely to consider both benefits and disadvantages and relate these to different groups of people</p> <p>e.g. It has reduced the amount of traffic (<i>simple advantage</i>). The bypass makes is easier for those who travel (<i>simple advantage</i>). Shops won't have as many customers (<i>simple disadvantage</i>).</p>

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