



## Cambridge IGCSE™

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GLOBAL PERSPECTIVES

0457/12

Paper 1 Written Examination

October/November 2020

MARK SCHEME

Maximum Mark: 70

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**Published**

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge International will not enter into discussions about these mark schemes.

Cambridge International is publishing the mark schemes for the October/November 2020 series for most Cambridge IGCSE™, Cambridge International A and AS Level and Cambridge Pre-U components, and some Cambridge O Level components.

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This document consists of **15** printed pages.

**Generic Marking Principles**

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptors for a question. Each question paper and mark scheme will also comply with these marking principles.

**GENERIC MARKING PRINCIPLE 1:**

Marks must be awarded in line with:

- the specific content of the mark scheme or the generic level descriptors for the question
- the specific skills defined in the mark scheme or in the generic level descriptors for the question
- the standard of response required by a candidate as exemplified by the standardisation scripts.

**GENERIC MARKING PRINCIPLE 2:**

Marks awarded are always **whole marks** (not half marks, or other fractions).

**GENERIC MARKING PRINCIPLE 3:**

Marks must be awarded **positively**:

- marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit is given for valid answers which go beyond the scope of the syllabus and mark scheme, referring to your Team Leader as appropriate
- marks are awarded when candidates clearly demonstrate what they know and can do
- marks are not deducted for errors
- marks are not deducted for omissions
- answers should only be judged on the quality of spelling, punctuation and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.

**GENERIC MARKING PRINCIPLE 4:**

Rules must be applied consistently, e.g. in situations where candidates have not followed instructions or in the application of generic level descriptors.

**GENERIC MARKING PRINCIPLE 5:**

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

**GENERIC MARKING PRINCIPLE 6:**

Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

**Introduction**

Most questions are marked holistically using levels of response mark schemes. The marks awarded for an answer are usually based on a judgement of the overall quality of the response, rather than on awarding marks for specific points and accumulating a total mark by adding points.

Inevitably, the mark scheme cannot cover all responses that candidates may make for all of the questions. In some cases, candidates may make very strong responses which the mark scheme has not predicted. These answers should nevertheless be credited according to their quality.

**Levels of response**

For answers marked by levels of response, the following is intended to describe the quality of the response required (level of skill that should be demonstrated) for the award of marks at different points in the mark range for the question.

In the levels of response mark scheme positive achievement is being rewarded.  
For answers marked by levels of response:

- (a) Marking grids describe the top of each level.
- (b) **To determine the level** – start at the highest level and work down until you reach the level that matches the answer.
- (c) **To determine the mark within the level**, consider the following:

Descriptor	Award mark
Consistently meets the criteria for this level	At top of level
Meets the criteria but with some slight inconsistency	Above middle and either below top of level or at middle of level (depending on number of marks available)
Just enough achievement on balance for this level	Above bottom and either below middle of level or at middle of level (depending on number of marks available)
On the borderline of this level and the one below	At bottom of level









**Mark scheme**

All of the questions are based on sources which are available to candidates as an Insert to the examination paper. It is therefore very important to study this material prior to marking to become familiar with the context of the questions.

**Annotations**







**All scripts and questions must be annotated to show how and where marks have been awarded.**





For scripts marked on RM Assessor, a selection of the following on-screen annotations are available.





<b>Annotation</b>	<b>Meaning</b>
	Correct, creditworthy point
<b>Eval</b>	Evaluation
	Development
	Benefit of doubt given
	Incorrect point
	Unclear/confused point
<b>JU</b>	Justification
	Omission mark, more required
<b>I</b>	Interpretation
Vertical wavy line	Irrelevant
	Highlighter
<b>REP</b>	Repetition
	Comment box
<b>NAQ</b>	Not answered question






The number of ticks used does not need to tally with the mark achieved. Every question must be annotated in some way. The mark scheme indicates the most likely annotation to be used with each question.

Annotation should be within the candidate's text rather than in the margin.






Question	Answer	Marks
1(a)	<p><b>Main Annotations</b>   </p> <p>Candidates should identify the following from Source 1:</p> <ul style="list-style-type: none"> <li>• 37 per cent</li> </ul> <p><b>[Note:</b> must include reference to units, i.e. per cent or %] 1 mark should be awarded for identifying the above. <i>Further guidance – the only acceptable answer is listed above. However, candidates may use their own words.</i></p>	<b>1</b>
1(b)	<p><b>Main Annotations</b>   </p> <p>Candidates may identify the following benefits from source 2:</p> <ul style="list-style-type: none"> <li>• shorter journey times</li> <li>• does not require fuel</li> <li>• less pollution</li> <li>• a form of exercise</li> <li>• easier to park</li> <li>• reduces traffic congestion.</li> </ul> <p>1 mark should be awarded for each correctly identified benefit. <i>Further guidance – the only acceptable answers are listed above. However, candidates may use their own words.</i></p>	<b>2</b>

Question	Answer	Marks
1(c)	<p><b>Main Annotations</b>    </p> <p>Indicative content</p> <p>Candidates may identify <b>one</b> of the following benefits:</p> <ul style="list-style-type: none"> <li>• shorter journey times</li> <li>• does not require fuel</li> <li>• less pollution</li> <li>• a form of exercise</li> <li>• easier to park</li> <li>• reduces traffic congestion.</li> </ul> <p>Candidates may give the following reasons, any of which could be used, to justify their choice:</p> <ul style="list-style-type: none"> <li>• has greatest impact</li> <li>• affects most people</li> <li>• ethically or morally most justifiable</li> <li>• has multiple positive consequences</li> <li>• creates spiral of virtue</li> <li>• other reasonable response.</li> </ul> <p><i>Further guidance – candidates are most likely to discuss benefits from Source 2 as listed above. However, the assessment is focused mainly upon their reasoning / justification and therefore additional benefits should be credited.</i></p> <p>The following levels of response should be used to award marks:</p> <p><b>Level 3 (3 marks) Good response</b></p> <p>Clearly reasoned explanation explicitly linked to a benefit.</p> <p><b>Level 2 (2 marks) Reasonable response</b></p> <p>Some explanation. The link between the explanation and a benefit may be implicit / unclear at times.</p> <p><b>Level 1 (1 mark) Limited response</b></p> <p>A benefit is identified. There may be some limited explanation.</p> <p><b>Level 0 (0 marks)</b></p> <p>No relevant response or creditworthy material.</p>	3





Question	Answer	Marks
1(d)	<p><b>Main Annotations</b></p> <p>   </p> <p>Indicative content</p> <p>Candidates are likely to identify the following local consequences:</p> <ul style="list-style-type: none"> <li>• reduced local congestion</li> <li>• more dangerous for pedestrians and motorists if bicycle users do not follow rules</li> <li>• people arriving late to work due to traffic / weather / cycle problems</li> <li>• local businesses suffer if people are late / absent</li> <li>• other reasonable response.</li> </ul> <p>Candidates are likely to identify the following national consequences:</p> <ul style="list-style-type: none"> <li>• reduced pollution nationally</li> <li>• national economy affected if businesses have lost time/profits</li> <li>• cost to government of increased medical costs / increased taxes</li> <li>• other reasonable response.</li> </ul> <p>3 marks are available for the explanation of each consequence. A total of 6 marks (3 marks + 3 marks) are therefore available for the question as a whole.</p> <p>The following levels of response should be used to award marks.</p> <p><b>Level 3 (3 marks) Good response</b></p> <p>A clear and full explanation of the consequence explicitly related to the context – local or national.</p> <p><b>Level 2 (2 marks) Reasonable response</b></p> <p>A basic or partial explanation of the consequence generally related to the context – local or national.</p> <p><b>Level 1 (1 mark) Limited response</b></p> <p>An identification of a consequence with limited or no explanation related to the context – local or national.</p> <p><b>Level 0 (0 marks)</b></p> <p>No relevant response or creditworthy material.</p>	6






Question	Answer	Marks
2(a)	<p><b>Main Annotations</b></p> <p>    </p> <p>Indicative content</p> <p>Candidates are likely to discuss the following evaluative points relating to Source 3</p> <p><b>Strengths:</b></p> <ul style="list-style-type: none"> <li>• personal experience of issue – local resident and business owner</li> <li>• examples used to support argument</li> <li>• evidence from local expert – doctor</li> <li>• any other reasonable response.</li> </ul> <p><b>Weaknesses:</b></p> <ul style="list-style-type: none"> <li>• mostly anecdotal evidence</li> <li>• biased tone – some exaggeration</li> <li>• examples are vague – no clear evidence from employees or about bicycle users</li> <li>• any other reasonable response.</li> </ul> <p>The following levels of response should be used to award marks:</p> <p><b>Level 3 (5–6 marks) Good response</b></p> <p>Clearly reasoned, credible and structured evaluation.</p> <p>Two (or more) developed points clearly linked to the issue, with some other undeveloped points; or a wide range (four or more) of undeveloped points.</p> <p>Evaluation is clearly focused on the evidence and arguments, their strengths and/or weaknesses and the way they are used to support the claim. There is usually some clear reference to the evidence and arguments in the source e.g. quotation/summary.</p> <p><b>Level 2 (3–4 marks) Reasonable response</b></p> <p>Reasonable evaluation mainly focused on the evidence and arguments, their strengths and/or weaknesses, and the way they are used to support the claim; there may be some lack of clarity and the answer may be difficult to follow at times.</p> <p>The response may contain one (or more) developed point(s), with some other undeveloped points. Some (two or more) undeveloped points may be sufficient to reach this level.</p> <p><b>Level 1 (1–2 marks) Limited response</b></p> <p>Limited evaluation which is often unsupported and asserted. The response is often unclear, tangential and generalised. It contains one or two undeveloped points only. Answers at this level may repeat source material with little understanding.</p> <p><b>Level 0 (0 marks)</b></p> <p>No relevant response or creditworthy material.</p>	6








Question	Answer	Marks
2(b)	<p><b>Main Annotations</b></p> <p>    </p> <p>Indicative content</p> <p>Candidates are likely to discuss the following ways to test the claim stated in Source 3:</p> <p><b>Possible types of information:</b></p> <ul style="list-style-type: none"> <li>• compare statistics / information on cyclists</li> <li>• data from businesses, local authority or government</li> <li>• individual testimony or personal experience</li> <li>• material from the internet</li> <li>• other relevant response.</li> </ul> <p><b>Possible sources of information:</b></p> <ul style="list-style-type: none"> <li>• national and local governments and their departments</li> <li>• experts in road safety / cycling</li> <li>• research reports</li> <li>• media and the internet</li> <li>• other relevant response.</li> </ul> <p><b>Possible methods:</b></p> <ul style="list-style-type: none"> <li>• review of secondary sources / literature / research / documents</li> <li>• interview relevant employment agencies and experts</li> <li>• internet search</li> <li>• questionnaires</li> <li>• surveys</li> <li>• other relevant response.</li> </ul> <p>The following levels of response should be used to award marks:</p> <p><b>Level 4 (7–8 marks) Very good response</b></p> <p>Clearly reasoned, credible and structured explanation of a range of ways to test the claim. The response contains three (or more) developed points, and may contain some undeveloped points.</p> <p>The response is clearly and explicitly related to testing the claim.</p> <p><b>Level 3 (5–6 marks) Good response</b></p> <p>Reasoned and mainly credible explanation of ways to test the claim. The response contains two (or more) developed points, and may contain some undeveloped points.</p> <p>The response is explicitly related to testing the claim.</p> <p><b>Level 2 (3–4 marks) Reasonable response</b></p> <p>Some reasoning and explanation of ways to test the claim. The response contains one (or more) developed point(s), and/or a few undeveloped points. There may be some lack of clarity and the answer may be difficult to follow at times.</p> <p>The response is related to testing the claim.</p>	8





Question	Answer	Marks
2(b)	<p><b>Level 1 (1–2 marks) Limited response</b> Limited explanation of ways to test the claim. The response contains one or two simple, undeveloped and asserted points.</p> <p>There is little relevance in the response to testing the claim or the methods, sources and types of information are generally not appropriate for the claim being tested.</p> <p><b>Level 0 (0 marks)</b> No relevant response or creditworthy material.</p> <p><i>If the response lists or describes methods, sources and types of data without linking to the issue/context, then it should not be placed above Level 2.</i></p>	

Question	Answer	Marks
3(a)	<p><b>Main Annotations</b>  </p> <p>Candidates may identify one of the following from Chiku's statement:</p> <ul style="list-style-type: none"> <li>• The city is only 50 km away.</li> <li>• We have a large car.</li> <li>• I go to school by car every day by car.</li> <li>• Fuel and road taxes are expensive.</li> <li>• I have 100 per cent attendance.</li> <li>• I know there is a problem with pollution.</li> <li>• I am in good health.</li> <li>• I arrive at school with clean clothes.</li> <li>• We can visit relations more easily (whatever the weather).</li> </ul> <p>1 mark should be awarded for identifying one of the above.</p> <p><i>Further guidance – the only acceptable answers are listed above. However, candidates may use their own words.</i></p>	1
3(b)	<p><b>Main Annotations</b>  </p> <p>Candidates may identify one of the following from Source 4:</p> <ul style="list-style-type: none"> <li>• This number of cars will increase in the future.</li> <li>• I will be more healthy when I am older.</li> </ul> <p>1 mark should be awarded for identifying one of the above.</p> <p><i>Further guidance – the only acceptable answers are listed above. However, candidates may use their own words.</i></p>	1

Question	Answer	Marks
3(c)	<p><b>Main Annotations</b>     </p> <p>A value judgement is a statement based upon ethical or moral principles about what is right or wrong or important.</p> <p>The following examples are found in Source 4.</p> <ul style="list-style-type: none"> <li>• This was wrong as I was not able to learn very well.</li> <li>• We should all try to keep as healthy as possible.</li> <li>• I think two wheels are best.</li> </ul> <p>Award 1 mark for correctly identifying an example of value judgement from the list above. However, candidates may use their own words.</p> <p>Award an additional 1 mark for a response that demonstrates some understanding of a value judgement.</p> <p>Or</p> <p>Award an additional 2 marks for a clear understanding of a value judgement applied accurately to the example identify from Source 4.</p>	3

Question	Answer	Marks
3(d)	<p><b>Main Annotations</b></p> <p>J     </p> <p>Indicative content</p> <p>Candidates are expected to evaluate the arguments presented in Source 4 and compare their effectiveness. They should make a supported judgement with some explanation about which person has the most convincing argument.</p> <p>Candidates may support their judgement by considering:</p> <p><b>Strength of reasoning:</b></p> <ul style="list-style-type: none"> <li>• logic</li> <li>• structure</li> <li>• balance</li> <li>• claims.</li> </ul> <p><b>Use of language:</b></p> <ul style="list-style-type: none"> <li>• tone – emotive, exaggerated, precise</li> <li>• clarity.</li> </ul> <p><b>Evidence:</b></p> <ul style="list-style-type: none"> <li>• range of information and depth</li> <li>• relevance</li> <li>• sufficiency – sample</li> <li>• source – media; internet</li> <li>• date – how recent</li> <li>• different types of information – fact, opinion, value, anecdote</li> <li>• testimony – from experience and expert.</li> </ul> <p><b>Sources of bias</b></p> <ul style="list-style-type: none"> <li>• local interest</li> <li>• economic</li> <li>• personal values</li> <li>• experience.</li> </ul> <p><b>Likely consequences of the ideas presented</b></p> <p><b>Acceptability of their values to others</b></p> <ul style="list-style-type: none"> <li>• how likely other people are to agree with their perspective/view.</li> </ul> <p>The following levels of response should be used to award marks.</p> <p><b>Level 5 (13–15 marks) Very good response</b></p> <p>Clear, credible and well supported points/explanation about which argument is more convincing. Coherent, structured evaluation of both arguments with clear comparison.</p>	15

3(d)	<p>The response contains three (or more) developed evaluative points, and may include some undeveloped points. Material from the sources is used as evidence to support the evaluation; clear reference to the evidence and/or arguments in the source e.g. quotation/summary of ideas.</p> <p>A clear judgement is reached.</p> <p><b>Level 4 (10–12 marks) Good response</b> Clear, supported points/explanation about which argument is more convincing. Evaluation of both arguments, with comparison.</p> <p>The response contains two (or more) developed evaluative points and may include some undeveloped points. A wide range (four or more) of undeveloped but clearly appropriate points may be sufficient to enter this band at the lower level. Material from the sources is used as evidence to support the evaluation; some reference to the evidence and/or arguments in the source e.g. quotation/summary of ideas.</p> <p>A judgment is reached.</p> <p><b>Level 3 (7–9 marks) Reasonable response</b> Reasonable points/explanation about which argument is more convincing. Some evaluation of both arguments, with an attempt at comparison or very good evaluation of only one argument. Some judgements and evaluative points are partially supported or asserted.</p> <p>One (or more) developed evaluative points, possibly with some undeveloped points; three (or more) undeveloped points may be sufficient to enter this band at the lower level. Some material from the sources may be used as evidence to support the evaluation. The response may occasionally lack some clarity and be difficult to follow.</p> <p>An attempt is made to give an overall judgement.</p> <p><b>Level 2 (4–6) Basic response</b> Basic points about which argument is more convincing. There may be only one argument considered in any detail, with little attempt at comparison. Judgements and evaluative points are partially supported and lack clarity/relevance at times.</p> <p>The response contains two (or more) undeveloped points.</p> <p>A basic judgement may be reached.</p> <p><b>Level 1 (1–3 marks) Limited response</b> Limited and unsupported points about which argument is more convincing. The response considers the arguments briefly and/or tangentially. There is little clarity. Answers at this level may repeat source material with little understanding or simply agree/disagree with the arguments presented.</p> <p>The response may not contain any clear evaluative points.</p> <p><b>Level 0 (0 marks)</b> No relevant response or creditworthy material.</p>	
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Question	Answer	Marks
	<i>Responses that give a very good evaluation of only one argument may achieve Level 3 but no higher.</i>	
4	<p><b>Main Annotations</b> J     Indicative content</p> <p>Candidates are expected to make a judgement about the recommended course of action, i.e. how best to reduce the number of car users in the city, using reasons and evidence to justify their choice</p> <p>Candidates may use and develop the material found in Sources 1 to 4, but should go beyond simply repeating or recycling without adaptation. Other material may be introduced but is not necessary to gain full marks.</p> <p>Candidates may consider some of the following:</p> <ul style="list-style-type: none"> <li>• reference to scale of impact</li> <li>• reference to different consequences and implications for individuals / groups / government</li> <li>• how long it might take to make a difference</li> <li>• barriers to change</li> <li>• the influence of individuals and groups on decision making</li> <li>• the role of vested interests and power differences</li> <li>• potential conflicts of interest</li> <li>• difficulties in planning and coordinating improvements</li> <li>• cost and access to resources to implement change</li> <li>• other reasonable response.</li> </ul> <p>The following levels of response should be used to award marks.</p> <p><b>Level 5 (20–24 marks) Very good response</b> Clear, well supported reasoning about the issue. Different arguments and perspectives are clearly considered.</p> <p>The response contains a wide range of clearly reasoned points and/or evidence to support the views expressed, with four (or more) developed points, and some undeveloped points.</p> <p>The response is very well-structured and a clear judgement is reached.</p> <p><b>Level 4 (15–19 marks) Good response</b> Clear, supported reasoning about the issue. Different arguments and perspectives are considered.</p> <p>The response contains a range of reasoned points and/or evidence to support the views expressed, with three (or more) developed points, and some undeveloped points.</p> <p>The response is generally well-structured and a judgement is reached.</p>	24

Question	Answer	Marks
4	<p><b>Level 3 (10–14 marks) Reasonable response</b> Some supported reasoning about the issue. Different arguments and perspectives are included.</p> <p>The response contains some points and/or evidence to support the views expressed, with two (or more) developed points, and some undeveloped points.</p> <p>The response is structured but at times difficult to follow and an attempt is made to give an overall judgement.</p> <p><b>Level 2 (5–9 marks) Basic response</b> Basic reasoning about the issue. Different arguments are included; perspectives, if present, are unclear.</p> <p>The response relies on assertion rather than evidence but contains one (or more) developed point(s) or a range of undeveloped points.</p> <p>The response lacks structure and is difficult to follow though a basic judgement may be attempted.</p> <p><b>Level 1 (1–4 marks) Limited response</b> Limited and unsupported reasoning about the topic in general. Different arguments may be included.</p> <p><b>Level 0 (0 marks)</b> No relevant response or creditworthy material.</p>	