

# Commentary on candidate evidence - Paper 1

Question	Marks identified within candidate evidence	Mark awarded
1	<p>First mark is awarded at 'causing erosion' at diagram 1 for a basic understanding of the role riffles can play in meander formation.</p> <p>A (p) mark is awarded at 'hydraulic action' with a further (p) mark awarded at 'break apart' for the development of this point as per MI.</p> <p>Another mark is awarded at 'slower' for the role that pools play in meander formation.</p> <p>A further mark is awarded at 'deposited' for the correctly located river beaches and an 'R' is placed at 'slower' as this has already been credited.</p> <p>A mark is awarded at 'moving outside' for the limited point on river cliffs.</p> <p>A (p) mark is awarded at 'abrasion and a further (p) mark is awarded at 'river walls' for the development of this process as per the MI.</p> <p>A final mark is awarded at diagram 3 for the idea of helicoidal flow, correctly labelled on the diagram.</p>	8
2	<p>The first (d) mark is awarded at 'four hours' for the correct reading of base flow. A second (d) mark is awarded at '10:00' for the correct description from the graph, and an (e) mark is awarded at 'groundwater' for explanation for the slow rising limb.</p> <p>A (d) mark is awarded at 'rises rapidly' for correct description of the rising limb.</p> <p>A second (e) mark is awarded at 'rainwater reaching the river'.</p> <p>A third (e) mark is awarded at 'into the soil' and a fourth (e) mark at 'permeable rock'.</p> <p>A (d) mark is awarded at 'recession limb decreases rapidly' with a final mark (e) at the end of the answer to explain the recession limb.</p>	9
3	<p>Marks are awarded on the diagram at the following annotations for correctly located descriptive points about the soil:</p> <ul style="list-style-type: none"> <li>• Shallow roots</li> <li>• Coniferous trees with needle layer</li> <li>• Acidic mor humus</li> <li>• Not much soil biota</li> <li>• Ash grey A-horizon</li> <li>• Due to leaching by rainfall</li> <li>• Reddish brown</li> <li>• Iron/aluminium</li> <li>• Formation of iron pan</li> <li>• Weathered parent material</li> </ul>	8

4	<p>Carat at 'u-shaped valley'. The first mark is awarded at 'compacts' for the formation of the glacier, and a second mark at 'gravity' for the movement of the glacier.</p> <p>A (p) mark is awarded at 'plucking' and a second (p) mark is awarded at the end of this sentence for the explanation of the process as per the MI.</p> <p>A third (p) mark is awarded at 'scour' and another (p) mark at 'abrasion' for correctly named and explained second process. A fifth (p) mark is awarded at 'free-thaw' and a sixth (p) mark at 'breaking them'.</p> <p>A mark is awarded at 'more deeply' for the idea of differential erosion. A final mark is awarded at the end of the answer.</p>	10
5a	<p>The first mark is awarded at 'Sahara Desert' for correct identification of the source of the cT air mass – note 'desert' on its own is not enough here. The second mark is awarded at '10-17% humidity rate' for a correct characteristic and a caret is placed at 'range of temperature'; more is needed here for example daily range as it is not a large yearly range.</p> <p>A third mark is awarded at 'South Atlantic' for the source area of the mT air mass and a fourth for correct humidity levels of this air mass. A second caret is placed at 'small' temperature range; again a reference to temperature levels is needed here.</p>	4
5b	<p>In the first line, 'dry' is underlined; there are no dry months in Abidjan. The first (d) mark is awarded at '210mm' for a comparison in rainfall and a second (d) awarded at 'august' for the later peak as compared with June above. A third (d) is awarded at '110mm' for a further correct descriptive comparative point.</p> <p>The first (e) mark is awarded at 'not moved very far'; although poorly expressed, this explains the higher rainfall levels at the coast. A comparison is needed for a mark to be awarded for the total rainfall in Nioro.</p> <p>A caret is placed at 'less rainfall' – there is not enough here for a descriptive mark but an (e) mark is awarded at 'hot and dry' at the end of this sentence. This can be credited here as this candidate did not receive a mark for this information in part (a) and it is used as an explanation here. A further (e) mark is awarded at 'air masses meet' and another (e) mark at the end of the sentence for the link to convectional rainfall.</p> <p>An (e) mark is awarded at 'north in the summer' and a final (e) mark at the end of the answer for linking this movement to rainfall levels.</p>	8

<b>Section 2</b>		
6a	A mark is awarded at 'very crowded' and a second at 'spread easily' for descriptive points. A third mark is awarded at 'open sewers' and a fourth at 'health care'. A final mark is awarded at 'unstable' for the site of the shanty towns.	5
6b	<p>First mark is awarded at 'improve their homes themselves'. Other candidates may develop this more for more marks.</p> <p>A second mark is given at legal ownership and a third mark at the end of the sentence 'in their improvements' for development of this point.</p> <p>A named example (eg) mark is awarded at 'Dharavi Redevelopment Project' as per MI.</p> <p>A fourth mark is awarded at 'high rise flats' and another at 'reduce overcrowding for further development of this point.</p> <p>A mark is given at 'build their own home' and a caret at 'site and service'; we want to know how this scheme works.</p> <p>A (e.g.) mark is awarded at 'SPARC is an NGO' as per MI. Another mark is awarded for the idea of extra buildings. 'R' is placed at the end of the answer as we have already credited overcrowding.</p>	8
7a&b	<p>Candidates may answer this question separately or as one. Marks will be awarded however the candidate chooses to answer.</p> <p>A (a) mark is awarded for the 'creation of edge of town car parks'. Other candidates may develop this further. A caret is placed at 'trains'; this is correct but too vague on its own for a mark. The rest of this paragraph is not awarded marks.</p> <p>Our next (a) mark is awarded at 'build stone paths' and another (a) at 'stick to the path' for the development of this point. The first evaluation is too weak but an evaluative (b) mark is awarded at 'blend in to the landscape'.</p> <p>A mark (a) is awarded at 'remote areas' for a correct point and a further (a) mark at 'vermin' with another (a) mark at 'home with them' for two further developments of this point. This candidate has now reached the maximum of 6 marks for any one part of the answer and any further explanatory marks will be bracketed off.</p> <p>A mark (a) is awarded for 'speed restrictions' and a further (a) mark is awarded for a correctly named example as per the MI at 'Windermere' with a second (a) awarded for explaining the impact of this on the landscape at 'erosion along the lakeside'. An evaluative (b) mark is awarded at the end of the next sentence at 'merely moving the problem'.</p> <p>A mark (a) is awarded at 'educate tourists and a final evaluative (b) mark is awarded at the end of the answer.</p>	10

8a	<p>First mark is awarded at 'registration of births, deaths', and a second at 'in between censuses'. A third mark is awarded at 'every ten years' and another at 'live in your house' for a development of this point. A fifth mark is awarded at 'every five years' and a final mark at the end of the answer for a development of sample surveys.</p>	6
8b	<p>The first mark is awarded at 'fill in the census. First (eg) mark is awarded at '13,000' for correct exemplification of the problem of access within Indonesia and a mark at the end of this sentence for access itself. A fourth mark is awarded at 'expensive to do'. <i>The candidate has developed this point further at the end of the answer.</i> A mark is awarded at 'different languages' and a second (eg) mark for correct exemplification of India in this context. A caret is placed at 'shanty towns'; this problem has not been explained in the context of the question and the rest of the sentence is a repeat point. A mark is awarded at 'under-registration of females' and another at 'do not fill it in correctly'. A caret is placed at 'cannot be found' as this is poorly expressed. A mark is awarded at 'steep mountains' and an 'R' again at 'reach everyone'. A final mark is awarded at the end of the answer for a development of the problem of cost.</p>	10
9	<p><i>This candidate has opted to answer the question holistically so (a) and (b) ticks are used to ensure both parts of the question are addressed.</i></p> <p>The first mark (a) is awarded at '75 years old and above', a second (a) at '60-74 years old', and third (a) at '45-59 years old', all for correctly interpreting the graph. The candidate has now reached the maximum marks for part all so all future marks for description will be bracketed off.</p> <p>A (d) bracketed mark is given at '16-29 years old', and another at '0-15 years old'.</p> <p>The first (b) mark for a problem is given at 'ageing' and a second is awarded at 'to pay pensions' with a third at 'pay for free travel'. Working class is underlined; we think the candidate means 'working age'. A (b) mark is awarded at 'dependency ratio' and a fifth mark at 'cost of geriatric care'. A final mark is awarded at 'closure of maternity wards'</p>	8