

Commentary on candidate evidence

The evidence for these candidates has achieved the following marks for each question of question paper 1.

Candidate 1

Physical Environments

Question 1

This is a clearly expressed and detailed answer. The candidate was awarded **8/8 marks**.

The first mark is awarded at 'east facing slopes' (**1 mark**) and a second mark at 'turns to ice' (**1 mark**) as per the MI (marking instructions). The candidate has been awarded the maximum of two marks for the formation of a glacier. A third mark is awarded at 'due to gravity' (**1 mark**). A mark is awarded at 'between the glacier and backwall' for knowledge of the bergshroud (**1 mark**). A further mark is awarded at 'increasing abrasion' for knowledge of the first named process (**1 mark**). A mark is also awarded at 'plucking' for knowledge of a second correctly named process (**1 mark**).

Please note: it is important that a mark is not awarded solely for the word; candidates must demonstrate some understanding of the process for a mark to be awarded.

A mark is awarded at 'pulled fragments away' for development of the process of plucking (**1 mark**). A mark is awarded for the candidate's diagram of a 'rotational slip' as the diagram explains what this does and there is further development below (**1 mark**).

The candidate has now achieved full marks for this question however, the following commentary shows where further marks could have been awarded, had they been required.

A mark could be awarded at 'less erosion taking place' for limited explanation of the development of the lip and this is correctly shown on the diagram (1 mark). A further mark could be awarded at 'sandpaper effect' for a development of the process of abrasion (1 mark). A final EG (example) mark could be awarded at 'Red Tarn' for a correct named example (1 mark).

Question 2

The candidate was awarded **8/8 marks**.

A mark is awarded at 'along the coastline' for the first point on constructive waves (**1 mark**). A second mark is awarded at 'behind the spit' as per MI (**1 mark**). A further mark is awarded at 'longshore drift' for knowledge of the named process

(1 mark). A mark is awarded at 'swash', for knowledge of a named process **(1 mark)** and another mark is awarded at 'prevailing wind' for further development of this process **(1 mark)**.

A mark is awarded at 'backwash' for knowledge of a named process **(1 mark)** and a further mark is awarded at 'due to gravity', although this will be bracketed off as the maximum of 4 marks for processes has been reached. A mark is awarded at 'wind direction has changed' for explanation of the hook **(1 mark)**. A mark is awarded at 'weak currents' **(1 mark)**.

The candidate has now achieved full marks for this question however, the following commentary shows where further marks could have been awarded, had they been required.

An EG mark could be awarded at 'Muddeford Spit' for a correct named example (1 mark) and a final mark could be awarded at 'coastline changes direction' as per MI (1 mark).

Question 3

The candidate was awarded **5/8 marks**.

'A' and 'B' marks are used in this question as a maximum of five marks are available for either description or explanation.

An 'A' mark is awarded at 'gyres' for a description of the loop pattern **(1 mark)**. A second 'A' mark is awarded at 'Northern Hemisphere' for correct identification of the direction of the flow of the gyre **(1 mark)**. A wavy underline is placed at 'Atlantic ocean' as this is not quite correct. A bracket is placed around the East Australian section as the rest of the answer refers to the Atlantic Ocean. A further 'A' mark is awarded at 'towards the equator' **(1 mark)** and an 'A' mark is awarded at 'Canary Current' for a correctly named cold current **(1 mark)**. A carat is placed at 'Coriolis Effect' as this candidate has not linked this to ocean currents. A further underline is placed at 'currents' as the candidate means winds.

The first 'B' mark is awarded at 'Atlantic Ocean rises' **(1 mark)**; although this is poorly expressed, the candidate is aware that less dense water in the ocean rises. A carat is placed at 'sheer size of the ocean', if the candidate had linked this to the amount of energy stored in the oceans or influence of land masses, credit would have been given. REP (repetition) is placed at 'currents loop' as gyres has already been credited.

Question 4(a) and (b)

The candidate was awarded **10/10 marks**.

'A' and 'B' marks are used in this question as a maximum of five marks are available for description. The maximum by default for explanation is nine marks.

'A' marks are awarded for correct descriptions of the river level from the graph. 'A' marks are not awarded for description of the rainfall pattern, although this may be awarded credit as an explanation.

The first 'A' mark is awarded at '14:00' for a description of the initial rise **(1 mark)**. A further 'A' mark is awarded at 'around 25 cumecs' for the description of the second rise **(1 mark)**. A mark is awarded at '02:00' for correct identification of the peak discharge **(1 mark)**. An 'A' mark is awarded at 'steep recession limb' linking to the time period mentioned in the previous sentence **(1 mark)**. An 'A' mark is also awarded at '06:00' for the fall in discharge **(1 mark)**. All subsequent 'A' marks will be bracketed off as the maximum has been reached, although the commentary will highlight where these are recorded for information only.

An 'A' mark is given at 'peak discharge' at the start of candidates answer for part (b) for the information on lag time. This illustrates that marks will be awarded wherever they appear in a candidates answer, even if the candidate has put them in the 'wrong' section.

The first 'B' mark is awarded at 'good drainage systems' for a limited explanation of human influence **(1 mark)**. A second 'B' mark is awarded at 'absorbed the water for itself' for a limited explanation of vegetation **(1 mark)**. A third 'B' mark is awarded at 'water flows faster' of influence of gradient **(1 mark)** and a fourth 'B' mark is awarded at 'the main river' for the influence of tributaries **(1 mark)**. A final 'B' mark is awarded at 'isn't absorbed' for the limited explanation of impermeability **(1 mark)**. A carat is placed at end of the response as the candidate has not developed their point about infiltration.

Question 5

The candidate was awarded **8/8 marks**.

The first mark is awarded at 'hard rock' for the difference in rock type **(1 mark)**. A second mark is given at 'soft rock quicker' as per MI and a mark is awarded at 'differential erosion' for further development of this point as per MI **(1 mark)**.

A mark is given at 'hydraulic action' for knowledge of a named process **(1 mark)** and a further mark at 'expanding them' for development of this process **(1 mark)**. A mark is given at 'upstream' as per MI **(1 mark)**.

A mark is awarded at 'forming an overhang' as per MI **(1 mark)** and a further mark is awarded at 'supported' **(1 mark)**. A mark is given at 'plunge pool' linking to the reference of gravity above as per MI **(1 mark)**.

The candidate has now achieved full marks for this question however, the following commentary shows where further marks could have been awarded, had they been required.

A mark could be awarded at 'abrasion' for knowledge of a named process (1 mark) and another mark could be given at 'wear away the land' for further

development of this process (1 mark). A mark could be awarded at 'attrition' and a further mark could be awarded at 'each other'.

Question 6

The candidate was awarded **6/8 marks**.

A mark is awarded at 'abundance of leaf litter' for the explanation of the impact of coniferous forest (**1 mark**). A second mark is awarded at 'wet and cold' as per MI for an explanation of the lack of biota (**1 mark**). A mark is awarded at 'more distinct' for explanation of action of biota (**1 mark**).

A fourth mark is given at 'leaching is prolonged' (**1 mark**) and a fifth mark is awarded at 'through the soils' for an explanation of leaching (**1 mark**). The next two statements are confused with grey and brown earth soils and are not awarded credit. A final mark is given at 'decompose slowly' for the influence of the cold climate (**1 mark**).

Human Environments

Question 7

The candidate was awarded **9/9 marks**.

A mark is awarded at 'shut down' for the impact of declining birth rates on schools as per MI (**1 mark**). A second mark is awarded at 'lose their jobs' for an additional impact of schools closing (**1 mark**). A mark is awarded at 'will be shut down' for the impact on maternity services (**1 mark**). A fourth mark is awarded at 'people working' linked to the impact on taxation (**1 mark**).

A mark is awarded at 'increasing immigration' as per MI (**1 mark**) and a further mark is awarded at 'between different groups' for the possibility of conflict as a development of this as per MI (**1 mark**). A mark is awarded at 'elderly use more' for the impact on geriatric health services (**1 mark**), and a mark is given at 'finding a cure' for the impact of age specific illnesses (**1 mark**).

A mark is awarded at 'meals on wheels' (**1 mark**).

The candidate has now achieved full marks for this question however, the following commentary shows where further marks could have been awarded, had they been required.

A mark could be awarded at 'will have to be increased' (1 mark). Another mark could be awarded at 'money for the pensioners' for two explanations of how this problem will be addressed (1 mark) and a final mark could be given at the end of the response for the impact on family carers (1 mark).

Question 8

The candidate was awarded **6/6 marks**.

The first mark is awarded at '10 years' as per MI **(1 mark)** and a second mark is awarded at 'your jobs' for development of this **(1 mark)**. A mark is awarded at 'through visas' for migration data **(1 mark)**, and a further mark is awarded at 'death certificates' for civil registrations **(1 mark)**.

A mark is given at 'between censuses being carried out' for development of civil registrations **(1 mark)** and a final mark at 'area gets selected' for sampling (as this happens in France) **(1 mark)**.

Question 9

The candidate was awarded **2/8 marks**.

The first mark is awarded at 'traditions and cultures' for the impact on indigenous people **(1 mark)** however, a carat is placed at 'contaminated' as the candidate has not gone on to explain this, and a second carat is placed at 'violent cattle ranchers' as this has not been linked to land degradation. A mark is awarded at 'their habitats are being destroyed' **(1 mark)**.

No marks are awarded for the section about Climate Change as the candidate has not linked this to either land degradation or the impact on the area they have studied. Other candidates may be credited for discussing changes to water cycle, albedo effect etc. by successfully linking it to the question.

Question 10

The candidate was awarded **12/12 marks**.

A first mark is awarded at 'animals escape' linking to gates being left open **(1 mark)**. A second mark is given at 'beauty of the countryside' for the visual impact of footpath erosion **(1 mark)**. A mark is awarded at 'eat and die from' for the impact of litter **(1 mark)**, and another mark is awarded at 'miscarry' for the issue of dogs **(1 mark)**.

A mark is given at 'noise pollution' from RAF planes **(1 mark)**, and another mark is awarded at 'during training' for further conflict created by military **(1 mark)**. A mark is given at 'honeypot area' linking to congestion **(1 mark)** and an **(EG mark)** is awarded at 'Ambleside' for a correct, relevant, named example. A carat is placed at 'grass verges' because the candidate has not identified the conflict.

A mark is awarded at 'the house prices for the locals increase' for a social conflict **(1 mark)** and another mark is awarded at 'ghost town in winter' for further development of the conflict of second homes **(1 mark)**. A second **(EG mark)** is given at 'Lake Windermere' for a second correct, relevant named example. A mark is awarded at 'produce noise pollution' for the impact of jet skis **(1 mark)**.

The candidate has now achieved full marks for this question however, a final mark could have been awarded at 'eyesore' for the issue of wind farms, had it been required (1 mark).

Question 11

The candidate was awarded **3/8 marks**.

A carat is placed at 'high rise flat' as this is a description, not an explanation. The second sentence is bracketed off as this is an evaluation. The section 'outside of the inner city' is underlined as this is not quite correct and the next sentence is bracketed off as this is also an evaluation.

An **(EG mark)** is awarded at 'Drumchapel' for a correct, relevant named example. A carat is placed at 'also established' as this again is a description rather than an explanation. The remainder of this sentence is bracketed off as this is an evaluation. A mark is awarded at 'unsanitary' for a first limited explanation **(1 mark)** however, the remainder of the sentence is bracketed off as this is an evaluation. A carat is placed at 'refurbished and renovated' as the candidate has not gone on to explain this. The evaluative comment about land value is bracketed off.

A mark is awarded at 'brought more money' as per MI for the idea of gentrification and the purpose behind it **(1 mark)**. This mark is awarded for the explanation of bringing money into the area rather than the rise in land value, which is an impact rather than a reason for the strategy.

Question 12

The candidate was awarded **5/7 marks**.

An **(EG mark)** is awarded at 'Trans Carioca' for a relevant correct named example and a mark is awarded at 'speeds up travel times' for a limited point on this strategy **(1 mark)**.

A carat is placed at 'environmentally friendly' as there is not quite enough information here however, the candidate could have gained marks if they developed this further. An EG mark is awarded at 'Bike Rio' for a second named example however, this is bracketed off as there is only one mark available for named examples in this question.

A mark is given at 'more people cycle' for the impact of bike schemes **(1 mark)** and another mark is awarded at 'public transport' for the lack of accessibility to the favelas, although it is poorly expressed **(1 mark)**. A further mark is awarded at 'have access to it' for the limited point on the subway expansion **(1 mark)**, and a final carat at 'public transport' was invested in as there is not enough information here.