

Candidate 3

Physical Environments

Question 1

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

The first mark is awarded at 'north facing hollow' (**1 mark**) and the second mark is awarded at 'eventually ice' as two marks are available for the formation of a glacier (**1 mark**). The third mark is awarded at 'due to gravity' as per MI (**1 mark**). No marks are awarded for 'plucking' here as this process is not correctly explained. A mark is awarded at 'freeze thaw' for knowledge of the first correct process (**1 mark**) and another mark is awarded at 'material off' for further development of this process (**1 mark**). A final mark is awarded at 'tarn' as per MI (**1 mark**).

Question 2

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

The first mark is awarded at 'waves to move in' for an explanation of swash (although the term has not been used yet) (**1 mark**). A mark is awarded at 'backwash' as although it is a poorly expressed point; it is clear the candidate knows what backwash is, therefore one mark is awarded (**1 mark**). No further marks are awarded for the points on erosion.

Question 3

The candidate was awarded **4/8 marks**.

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

The first 'A' mark is awarded at 'gyres' for a correct description of movement (**1 mark**). An 'A' mark is awarded at 'clockwise' as although the candidate has not explicitly stated which hemisphere this is, it is clear from the rest of the answer (**1 mark**). A 'B' mark is awarded 'at prevailing winds' for an explanation as per MI (**1 mark**) and a final 'A' mark is awarded for a correctly named example at 'North Atlantic Drift' (**1 mark**).

Question 4

The candidate was awarded **8/10 marks**.

The first 'A' mark is awarded at 'levels are increasing' for a trend within the correct time period (**1 mark**) and a second 'A' mark is awarded at '4 cumecs to 5 cumecs' for further development of this point (**1 mark**). Another 'A' mark is awarded at 'see a rapid increase' for a trend with correct times (**1 mark**) and a further 'A' mark is awarded at '5 cumecs to 10 cumecs' (**1 mark**).

A wavy underline is placed at 'through vegetation' as this statement is slightly confused and poorly expressed. An 'A' mark is awarded at 'increase to around 24 cumecs' for a trend and data **(1 mark)**.

An 'A' mark is awarded at 'discharge is constant', however, this and all further 'A' marks below are bracketed off as the candidate has reached the maximum of five marks for describing changes in discharge level.

The first 'B' mark is awarded at 'has gone down' for a poorly expressed, but correct, explanation of the impact of rainfall **(1 mark)**. A further 'A' mark could be awarded at '25 cumecs to 34 cumecs' and another 'A' mark could be awarded at '23:00 & 0:00'. No marks are awarded for permeability as this would slow the movement of water. An 'A' mark could be awarded at '56 cumecs to 79 cumecs'.

A 'B' mark is awarded at 'run off the surface into drains' for further explanation **(1 mark)**. A final 'A' mark could be awarded at '03:00 & 04:00'. A final 'B' mark is awarded at 'stopped completely' for the final explanatory point **(1 mark)**. A wavy underline is placed at '17 hours' as this is not correct.

Question 5

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

The first mark is awarded at 'such as limestone' for a detailed description of hard rock **(1 mark)** and a second mark is awarded at 'clay' **(1 mark)**. The candidate is awarded 2 marks for rock types as examples of rock are given in their description. A third mark is awarded at 'erodes more quickly' for knowledge of differential erosion **(1 mark)**. A mark is awarded at 'hydraulic action' for knowledge of a named process **(1 mark)**, and a further mark is awarded at 'pieces of rock to break off' for a detailed development of this process **(1 mark)**.

A mark awarded at 'corrasion' for knowledge of a second correctly named process **(1 mark)** and a further mark is awarded at 'pieces of material off' for development of this process **(1 mark)**. A mark is awarded at 'harder rock overhanging' 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 'no longer support itself' for further development of this **(1 mark)**. A further mark could be awarded at 'collapses due to gravity' **(1 mark)** and a final mark could be awarded at 'moves upstream' as per MI **(1 mark)**.

Question 6

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

This candidate has perhaps anticipated a different question and has chosen to draw an annotated soil profile. The command here however is 'explain' and therefore, marks will only be awarded for explanatory points.

The first mark is awarded at 'due to pine needles' for an explanation of mor humus (**1 mark**). A mark is awarded at 'little soil biota' for an explanation of clear horizons (**1 mark**). No marks are awarded for eluviation horizon as this is not quite correct. A final mark is awarded at 'cold temperatures' for an explanation for the lack of biota (**1 mark**). REP is placed at 'mix up the soil' as this has been credited already.

Human Environments**Question 7**

The candidate was awarded **8/9 marks**.

The first mark is awarded at 'pressure on maternity care' (**1 mark**). The next sentence is bracketed off as it is not relevant to a developed country. The second mark is awarded at 'shut down' as per MI (**1 mark**). A wavy underline is placed at 'importing people' (the terminology used here is not ideal) however, a mark is awarded at 'from different countries' for the poorly expressed point on inward migration (**1 mark**) and a second mark is awarded at 'racial tension' for a development of this point (**1 mark**). A mark is awarded at 'higher education' (**1 mark**) and a further mark is awarded at 'geriatric nurses' (**1 mark**). A mark is awarded at 'more people getting pensions' (**1 mark**) and a final mark is awarded at 'war breaks out' (**1 mark**).

Question 8

The candidate was awarded **2/6 marks**.

A wavy underline is placed at 'carried out every year' as this is not correct. Although a census does not directly monitor birth and death rates, it does record demographic data and religion, therefore, a mark is awarded at 'religion' (**1 mark**).

A second mark is awarded at 'when a child is born' for civil registrations (**1 mark**).

Question 9

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

The first mark is awarded at 'malnutrition' as per MI **(1 mark)**. A carat is placed at 'cannot grow food'; the candidate picks this up later. A mark is awarded at 'export their food supply' for an impact on the economy **(1 mark)**. A mark is awarded at 'Niger in 2012' for a specific named example (a country name in itself is not enough, this refers to an event) **(1 mark)**. A mark is awarded at 'aid from other countries' as per MI **(1 mark)**.

A carat is placed at 'kill off livestock' and a mark is awarded here, linking to the point on crop failure on the previous page as per MI **(1 mark)**. A mark is awarded at 'cycle of poverty' for the forcing of the poorest into more marginal lands **(1 mark)**. A mark is awarded at 'seek refuge' **(1 mark)** and a further mark is awarded at 'between countries' for further development of this point on refugees **(1 mark)**. REP is placed at the end of the response as this has already been credited.

Question 10

The candidate was awarded **8/12 marks**.

A mark is awarded at 'heavy congestion' for the first conflict **(1 mark)**. A carat is placed at 'quality of the road' as this point has not been sufficiently developed. The next sentence is bracketed off as it is referring to a solution.

A mark is awarded at 'noise & air pollution rates are higher' developing the first point on congestion **(1 mark)**. A further mark is awarded at 'go about their daily life' for the impact of on-street parking **(1 mark)**. A mark awarded at 'miscarry' as per MI **(1 mark)** and a further mark is awarded at 'farmers overall income' for development of this point **(1 mark)**. A mark is awarded at 'serious accidents' for an explanation of open gates **(1 mark)** and REP is placed at 'farmer has lost money' as this has already been credited.

A mark is awarded at 'choke and die' for an explanation of the problem of litter **(1 mark)** and a final mark is awarded at 'visual impact' for a further explanation of conflict linked to litter **(1 mark)**.

Question 11

The candidate was awarded **4/8 marks**.

The first part of this candidate's response is descriptive and inaccurate as it is expressed as current strategy. The second point on new towns has not been explained. A carat is placed at 'multiple transport links' as the candidate should have linked this to commuting.

A mark is awarded at 'Athletes Village' for the first correct specific named example **(1 mark)**. A wavy underline is placed at 'Olympic games' (it is assumed the candidate meant Commonwealth Games), but a mark is awarded at 'housing

strategy' as this housing development was a legacy project of the Commonwealth Games **(1 mark)**. A mark is awarded at 'live in this area' as this is a current strategy to encourage a social mix, but ensure affordable housing **(1 mark)**. A final mark is awarded at 'young age' which, although perhaps poorly expressed, is in the MI **(1 mark)**.

Question 12

The candidate was awarded **4/7 marks**.

The first mark is awarded at 'bus rapid transport' for a correctly named strategy in Rio **(1 mark)**. A second mark is awarded at 'streets of Rio' **(1 mark)** and a third mark is awarded at 'cuts bus journey times' as these are both impacts of this strategy **(1 mark)**. A mark is awarded at 'they feel safer' for the development of pink carriages **(1 mark)**.

A wavy underline is placed at 'go bike' as although this is a company, this is a tourist company and not a traffic management strategy. There is not enough on cycle schemes without this to be awarded a mark. The candidate would have gained credit for expressing this more clearly.