

# Commentary on candidate evidence

The evidence for these candidates has achieved the following marks for each question of question paper 2.

## Candidate 1

### River Basin Management

#### Question 1(a)

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

The first mark is awarded at 'prevent any flooding' as per marking instructions (MI) (**1 mark**). A second mark is awarded at '200 million by 2050' for correct interpretation of the graph (**1 mark**).

A mark is awarded at 'water required increases' linking to the candidate's reference to drinking water four lines above (**1 mark**). A fourth mark is awarded at 'store water' linked to improved water (**1 mark**). A further mark is awarded at 'low amount of rainfall' for correct interpretation of the graph (**1 mark**) and another mark is awarded at 'and water for crops' for the link to irrigation (**1 mark**).

A mark is awarded at '24% of the population has access to electricity' as per MI (**1 mark**). A mark is awarded at 'improve people's standard of life' (**1 mark**). A carat was placed at 'employed at agriculture', this is picked up later on when the candidate develops the point sufficiently. REP (repeat point) is placed at 'use in the dry months' as this has already been credited. A mark is awarded at 'steady food supply' for the impact of year round crop production (**1 mark**). A further mark is awarded at 'need to be transported' for improved navigation needed to transport goods (**1 mark**).

The last statement 'steadying the water flow' is an impact of water management, not a need for water management and therefore, is not credited.

#### Question 1(b)

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

The first mark is awarded at 'diseases to occur' linked to standing water (**1 mark**). A second mark is awarded at 'pressure of the dam' causing earthquakes (**1 mark**) and a further mark is awarded at 'residents of the area' for development of this point (**1 mark**).

A mark is awarded at 'a new town needs to be created' (**1 mark**). A carat is placed at 'lives are impacted' as there is not enough information here and a second carat is placed at 'may not be affordable to all' as this has not been

clearly explained. A mark is awarded at 'reaching the lower course of the river' (**1 mark**). Another mark is awarded at 'residents lives at risk' as landslides are now more likely (**1 mark**). An (**EG mark**) is awarded at 'the river dolphin' for a relevant specific named example, and a final mark is given at 'becoming endangered' as the dolphin's habitat has been reduced due to this dam system (**1 mark**).

## Energy

### Question 4(a)

The candidate was awarded **6/10 marks**.

'A' and 'B' marks are used here as there is a maximum of 3 marks available for 'A' marks (description of the graph).

An 'A' mark is awarded at '1980 to 1982' for a trend as per MI (**1 mark**). A carat is placed at 'energy to work' as there is not enough detail here. A further 'A' mark is awarded at '1982 to 2010' for a second trend (**1 mark**). A carat is placed at 'energy required products' as this has not been explained sufficiently. A final 'A' mark is awarded at '250 quadrillion Btu' for a correct description as per MI (**1 mark**). The maximum marks available for description have now been reached and all further 'A' marks should be bracketed off and not awarded.

A 'B' is mark awarded at 'phones and tablets' for the relevant explanation (**1 mark**). An 'A' mark is awarded at 'about 260 quadrillion Btu' and again at 'until 2030' although both of these are bracketed off. A 'B' mark is awarded at 'increase in population' as the population of most developed nations is still increasing (**1 mark**). A final 'B' mark is awarded at 'more cars being on the roads which require petrol' (**1 mark**).

### Question 4(b)

The candidate was awarded **4/10 marks**.

The first mark is awarded at 'infinite' as per MI (**1 mark**). A second mark is awarded at 'stronger winds' linking to upland areas (**1 mark**). A third mark is awarded at 'some to be lost' for a relevant comment on effectiveness (**1 mark**).

A carat is placed at 'very little wind' as the candidate has not expressed this well. A mark is awarded at 'would also need to be used' for development of the point on low wind days (**1 mark**). The sentence on accessibility for construction does not relate to effectiveness of a power source and therefore, no credit is awarded. A carat is placed at the end of the answer as there is not enough detail here.

## Application of Mapping Skills

### Question 5 (a)

The candidate was awarded **14/20 marks**.

The first mark is awarded at 'easy access to it' as per MI (**1 mark**). A wavy underline is placed at '80 million' as this figure is not quite right, but a mark is awarded at '2015 to 2030' (**1 mark**). A carat is placed at 'jobs to be available' as this is not specific enough to gain a mark.

The first (**EG mark**) is awarded at '098756' for correct map evidence of a hotel (**1 mark**) and a further mark is awarded at 'hotel to the airport' for development of this (**1 mark**). A mark is awarded at 'pollution' linked to construction vehicles (**1 mark**). A mark is awarded at 'get a bus' for the impact of new public transport (**1 mark**). A carat is placed at 'pollution' as this is not specific enough and a wavy underline is placed at 'could result in' as this will result in buildings being demolished and the candidate has not identified any areas which are affected.

A mark is awarded at 'increasing profit' for an economic impact (**1 mark**) and a further mark is awarded at '2.35 million' for correct interpretation of the source (**1 mark**). A mark is awarded at 'planes taking off' for a correct impact of noise pollution (construction vehicles have already been credited) (**1 mark**). A mark is awarded at 'passengers using the airport' linking to traffic (**1 mark**) and a further mark is awarded at 'job opportunities' linking the detail here on offices and hotels back to the point earlier in answer (**1 mark**).

REP is placed at 'profits for the airport' and there is not enough detail on the point made about the railway. Candidates who develop this point more explicitly will gain credit. An (**EG mark**) is awarded at '039776' for correct map evidence and a further mark is awarded at 'filled in' as this is in the expansion area and these areas will need drained (**1 mark**). A final mark is awarded at 'will be destroyed' for impact on habitats (**1 mark**).