

Geography

Section II (continued)

Marks

Question 18 (10 marks)

Refer to Sources I and K.

- (a) Identify TWO human activities that may place the Avon–Heathcote Estuary at risk. 2

Sewage works that lead into the Te Huingi Māori Wildlife Reserve then to the Estuary. Storm runoff from Mount Pleasant.

- (b) Identify a management strategy currently used in the Avon–Heathcote Estuary, and evaluate its likely success in terms of the ecological sustainability of this ecosystem. 4

Allocation of Fishing areas. This management of fisheries, will allow the ecosystem to be protected at some points and areas from fish loss. The sustainability of this practise is not good. Fisheries will still fish wherever they please and unless there's monitoring the fish in these certain areas will be depleted largely and ecosystem will be affected.

Question 18 continues on page 16

Question 18 (continued)

- (c) What are TWO important questions that a geographer could ask to determine the validity and reliability of the 'Selected Bird Numbers' information?

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What season were the numbers taken in?

What type of method did you use to tally the birds? For example sight, all over the island or just in selected areas.

End of Question 18