

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

- Building of new subdivisions
- Camping or walking through the area without proper knowledge and consideration for the environment.

- (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

One management strategy in use is the designation of specific areas for camping, walking tracks and picnic grounds. Although this activity may still damage the environment, it is the careful maintenance of the area by the rangers that will ultimately be beneficial for the estuary in maintaining ecological stability within the wetlands.

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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? 4

- How are the bird numbers calculated and what degree of accuracy do you think there is?

- What method do you use to keep track of the different birds? for example catch tag and return.

End of Question 18