

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

Two activities that may place Avon-Heathcote Estuary at risk are the mud exposure at low tide & pollution pressure.

- (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

The management strategy being currently used to maintain Avon-Heathcote Estuary is the closure of heavy gas works, cleaning the sewage from the estuary & the flushing out of Avon-Heathcote Estuary with Monarchs bay as an opener to the estuary. Over a period of years it will prove a ecological sustainability success with more cleaning of sewage & a constant flow of sea water the estuary should be a success.

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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

Have the birds been tagged & watched over a period of 10 years to prove the bird numbers?

Do the birds have correct breeding & living grounds to keep a constant spread in prediction over another 2-5 years? If not why/what is stopping the proper grounds?

End of Question 18