

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

Recreational fishing and boating
in the estuaries reduces ~~the~~ marine numbers.
Stormwater runoff lets phosphates and rubbish
get washed into the estuaries.

- (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

Water quality measuring stations are
currently used to manage where the pollution in
the estuary is coming from and identify strategies
to fix these areas. It's ecological sustainability
does not appear to be happening. There are many
pressures from pollution and recreation in particular
and it appears that little is being done to prevent
these things. More prevention of damage needs to
occur if it is to be ecologically sustainable.

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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

It would be important to ask whether these numbers were average figures or just peak populations of migratory birds for example. It could also be necessary to ask how the populations were measured because it would be difficult to do accurately unless some kind of tagging system was used.

End of Question 18