Question 21 (12 marks)

(a) Recommend ONE primary and ONE secondary geographical method that could be used to assist in the management of an ecosystem at risk that you have studied.

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The use of photographs is a primary geographical method assists in demonstrating the changing nature of Sand dune evosystems. Management strategies can then be applied in the areas in which he most change has occured, showin in the photographs the can be compared to photograph decoder before. Amalysing data in the areas of chimate, eg kainfall patterns over the past decade allow management shategues to be implemented to counter the effects

(b) Describe the effect of ONE natural and ONE human-induced change on an the said ecosystem at risk that you have studied.

Changes in climate, for example storms or Cyclores may have an impact of Coastal sand Dures Storms will result in the loss of sand, as it is taken into the ocean and deposited in other locations. This is evident in Cronulla with the loss of important top soil and nutrients heing deposited around the Peninsula as a lesult of Storms. Human recreational activities such as four-wheeld driving loosen top soil and displace vegetation within sand dure everystems.

Question 21 (continued)

(c) How could Câc Phuong National Park be managed to respond to human-induced changes which place the ecosystem at risk? In your answer, refer to the Sources on pages 2 and 3 of the Stimulus Booklet.

Humans have polluled the Natorial Park by dimping rubbish, and have caused enosion by using trees as firewood when whire down the trees. This can be managed by restricting access to the park for human not allowing them to be able to dump their rubbish. Erosion may he managed by restricting access again to the national park, and thus these is no head to remove these for firewood if it is unable to be accessed. Futhermore, the planting of nature trees to another management practice that will counter the human induced changes and promote the growth of the retrood

End of Question 21