

2010 HIGHER SCHOOL CERTIFICATE EXAMINATION

Biology

Section I - Part B (continued)

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Question 27 (3 marks)

(a) Outline examples of effective quarantine regulations in Australia that protect animal and plant health. Give one example for each.

(i) animal health

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protected by limiting the number of new species introduced in Australia and ensuring all animals entering Australia are vaccinated and treated with correct medications.

(ii) plant health

1

protected by limiting the number of plants entering Australia and ensuring all plants entering Australia are free from diseases and pests.

(b) Using one of your examples, explain why this method is effective.

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Plants: by ensuring the plants are free from diseases and pests this will protect native flora and prevent the introduction of new diseases that may arise that the flora is not able to control or hasn't built resistance too.