

2010 HIGHER SCHOOL CERTIFICATE EXAMINATION
Biology

Section I - Part B (continued)

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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Animal health is also kept constant in Australia ~~and~~ by quarantine regulations.

All animals are isolated (quarantined) and checked ~~for~~ for any disease before entering the country for Olympic or other reasons.

- (ii) plant health

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Australia is prevented from many plant diseases, for example ~~white~~ powdery mildew which is a very dangerous disease.

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

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As Australia is an isolated country it is very hard for pathogens to cross oceans to reach our shores. Thus the strict quarantine rules for entering any plants to Australia prevents Australian plants to be infected with a disease such as powdery mildew.