

2010 HIGHER SCHOOL CERTIFICATE EXAMINATION  
Biology

Section I – Part B (continued)

Question 23 (7 marks)

- (a) Use an example to explain why hybridisation within a species is carried out. 2

Hybridisation within a species is carried out to get the best characteristics or ~~that~~ traits, also in cases such as the mule is stronger and can carry heavier load this is called hybrid vigor

- (b) Use an example of a named transgenic species to discuss the social and environmental impact of this technology. 5

The transgenic species of Bt Cotton, Cotton with which is pest resistant has a positive effect of the environment because there is no ~~run~~ run off of poisons pesticides which harm are water ways and pollute water, but on the other hand the social side that a company owns the rights to this entire species and can earn a profit of this is a social downfall