HSC 2010 - Biology Band 5/6 - Sample 2 Question 23

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.
 A hybridisation: 13 ? Carried avt to improve quality and characteristics on an animal such as a construct of the construction occurs so the product of the construct quality as the particular gene is used.
 (b) Use an example of a named transgenic species to discuss the social and environmental impact of this technology.
 - Bleatton is an example of a transgenic species Bt produces toxic which the gene is placed into the cottom plant where it would be pert resistonce which will reduce the vie of predicades there ever if an arbitrack of uses affecting the plant than most of the species would survive As they are made from the same gene thence the crop will alie and the decrease in biochiversity. Society will be impacted due to decrease in food supply af the particular crop or food product for example the potatoes where the finest quality created using a particular gene to create the desired the crop all plants died due to the similar genetic make using which lead to a decrease in product of porcies