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 17. 15. CONVIECT OUT to produce either Crops or Animals that are genetically superior to produce better yields in crops or larger carcasses in animals. An example is these hybridised corn
- (b) Use an example of a named transgenic species to discuss the social and 5 environmental impact of this technology.
 - tically engineered One species is the work where ORIC Salmon. The (O)DCT OF THIS TENNOP ve a opene tran a alitterent organism is put whe another Oropinism (trans-cenic), is that some people restion the effects eating this will have on health QUsomething and that should society be acceptable -up of that is changing the denetic mi 166 anural pocts include an animal, the salman. Environmental denetic biodiversity that the lack of ' salimon being given similar gene and STOCKS sattmon was this will have on wi into the wild. VERASED