

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

lion x cross a tiger, half the
cells from each cross over.

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

frost resistant tomatoes.

a cell from a fish is
implanted in the tomatoes allowing
them to grow in cold weather.

This allows people to grow food
in snow areas and survive.