Biology											
Centre								Nu	Number		
Section I – Part B (continued)											
							Stu	ıdent	Nu	mber	
									3.4		
Que	estion 22 (6 marks)								M	arks	
(a)	Cloning is a technique that could be used species. What effect would cloning have o									2	
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(b)	Explain TWO possible evolutionary effect population containing some cloned indivi		isease	e ente	ring a	ın enc	dang	gered	l	4	
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Overetion 22 (2 montrs)	Marks
Question 23 (3 marks)	
In twelfth-century China, people seeking protection from smallpox removed scabs from people mildly scarred from the disease. These scabs were then ground and inhaled as powder. Similarly, in the seventeenth century, an Englishwoman, Mary Montagu, injected bits of smallpox scabs into healthy children to protect them from the disease.	3
In the light of our current knowledge about the immune response, explain why these practices were successful.	
Question 24 (4 marks)	
Explain the relationship between the cause and ONE symptom of ONE named non-infectious disease.	4