Question 28 (8 marks)

Organ transplants may trigger an immune response which can lead to organ rejection.

The diagram below represents a model of two heart cells, one from a transplant recipient and one from a donor.

		Y	
	Recipient heart cell	Donor heart cell	
(a)	What does Y represent? The agross frence		1
(b)	in a transplant recipient. He model down is He peoplement H	odel in explaining the cause of organ rejection rot compatable with us leading to regection us	3
(c)	killer T c cell both try to defen all incompati	O types of T lymphocytes in organ rejection, ells and helper T of these cells will A the body and remore able cells	4