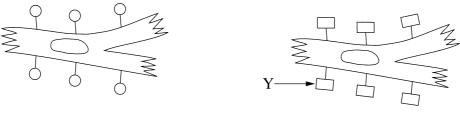
Question 28 (8 marks)

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.



Recipient heart cell

Donor heart cell

What does Y represent?
a lymphocyte
Assess the effectiveness of the model in explaining the cause of organ rejection
The model usn't very effective as it only shows the model
it doesn't actually show how or why the organ is rejected.
The process and cause of organ rejection would be
better denenstrated through a flow chart chagram.
v
Name and outline the role of TWO types of T lymphocytes in organ rejection.
The lymphogyten in organ rejection delet the new organ
The lymphogyten in organ rejection detet the new organ and then send messager if the organ is functioning properly in the new body. If it doesn't work in the body then
The hyphocyter in organ rejection detet the new organ and then send messages if the organ is functioning properly