0 1

Diffusion and active transport take place in the kidneys

0 1 . 1 What is meant by active transport?

[2 marks]

0 1 . 2 Describe, as fully as you can, how urine is produced by the kidneys.

[5 marks]

0 1 . 3 A person with one type of kidney disease is found to have protein in his urine. Suggest as explanation for the presence of protein in the urine. **[2 marks]**

© my-gcsescience.com

0 1 . 4 A person with the kidney disease could be treated either by using a dialysis machine or by a kidney transplant operation.

Compare the advantages and disadvantages of these two methods of treatment.

Use your knowledge and understanding of the two methods in your answer

[4 marks]

© my-gcsescience.com