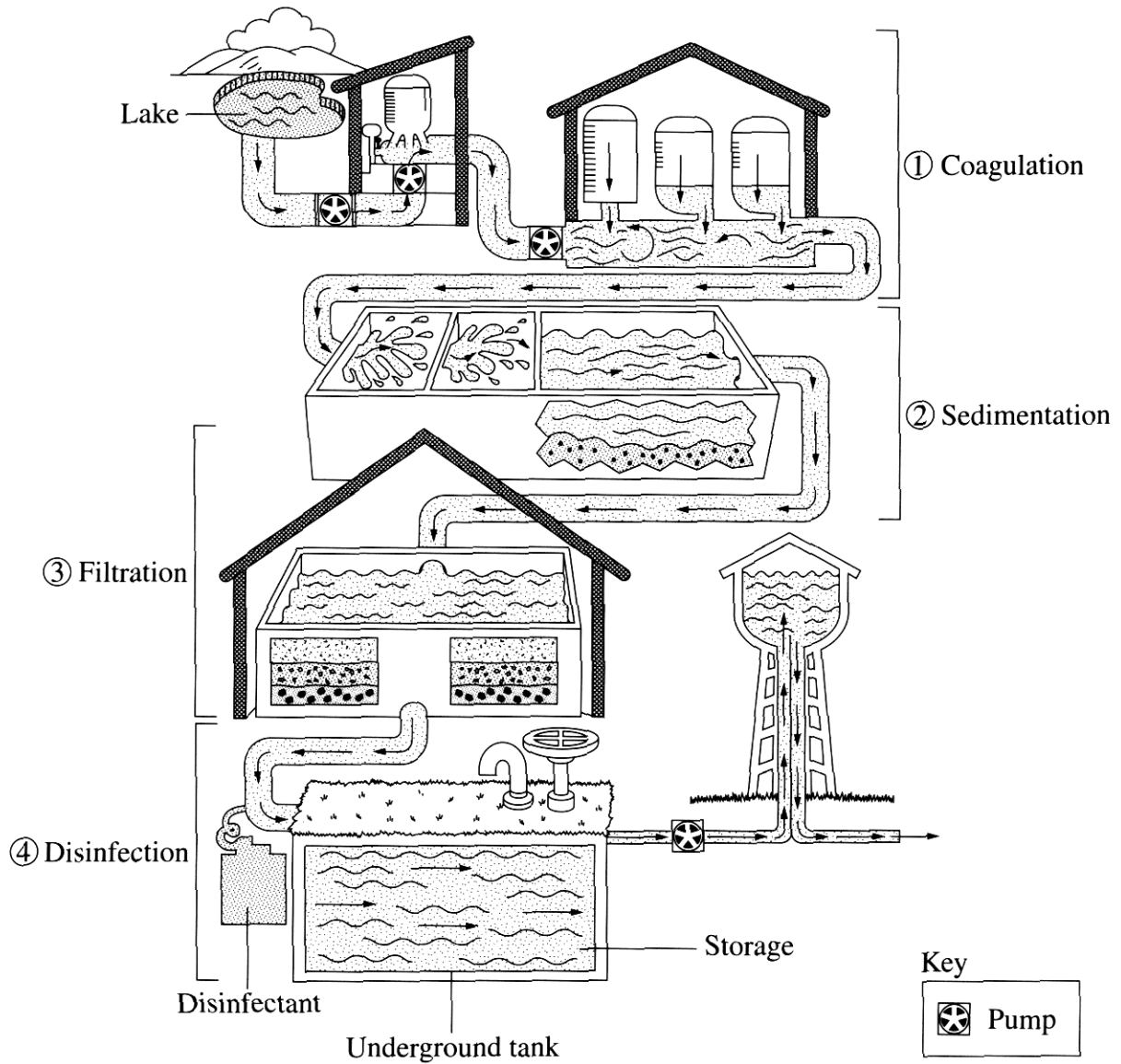


**Question 19** (3 marks)

The diagram summarises one method used to treat water to make it suitable for drinking.



**Question 19 continues on page 15**

Marks

Question 19 (continued)

The treatment method illustrated on page 14 has four processes which can remove the contaminants that may be found in water extracted from the lake.

3

Select ONE of the four processes and explain how this process reduces the risk of infection from pathogens.

~~Distillation~~ filtration slowly lets pathogens fall to the bottom of the treatment tanks while keeping the clear water at the top. It goes through stages where the contaminated water is still and eventually falls to the bottom and allows newly treated water to pass through