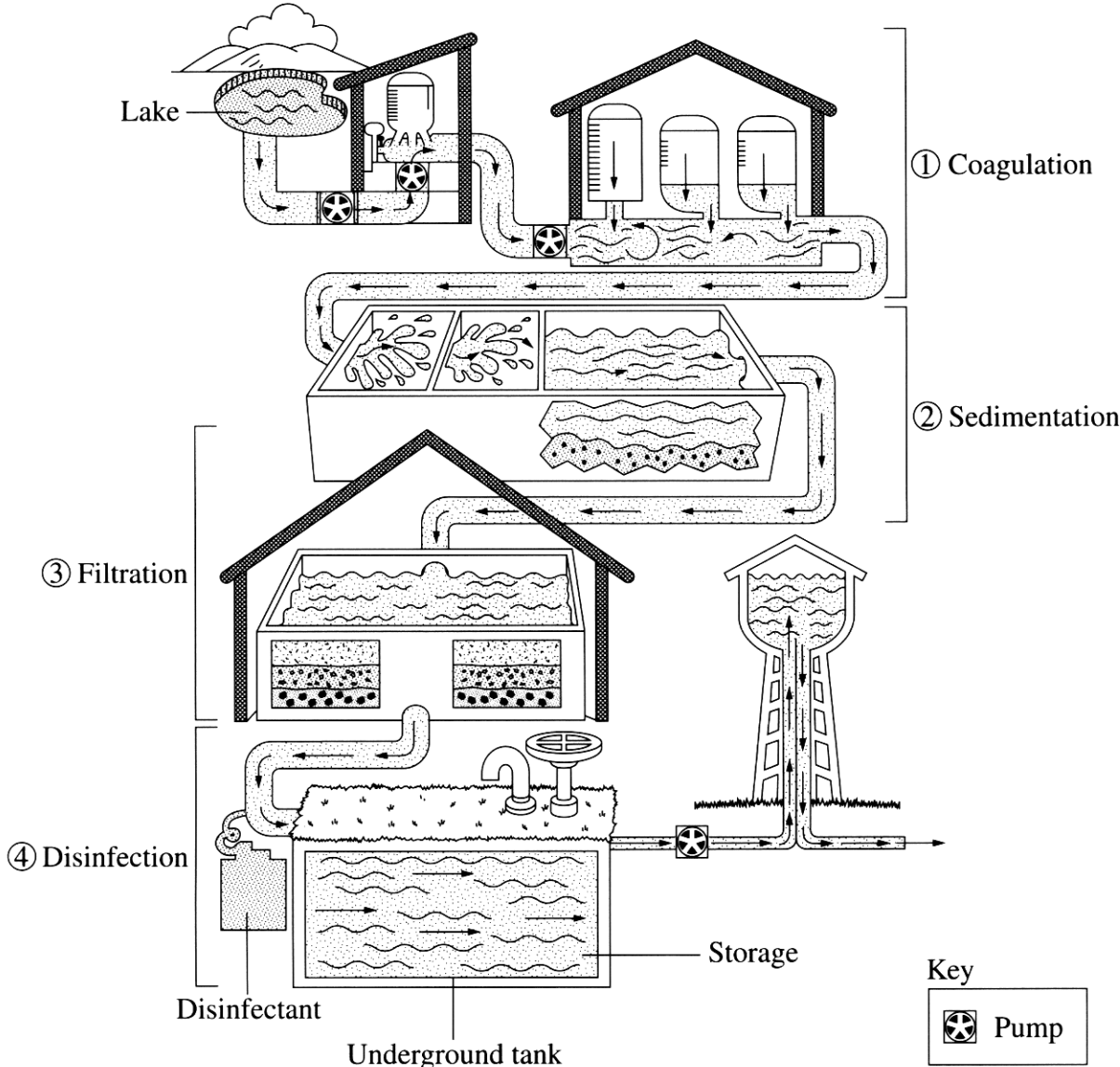


**Question 19** (3 marks)

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.

*Disinfection*

*This adds chemicals to the water that is very likely to kill any micro-organisms that are still in the water. Chlorine is often used for example to balance the water, making it of appropriate high quality drinking standard.*