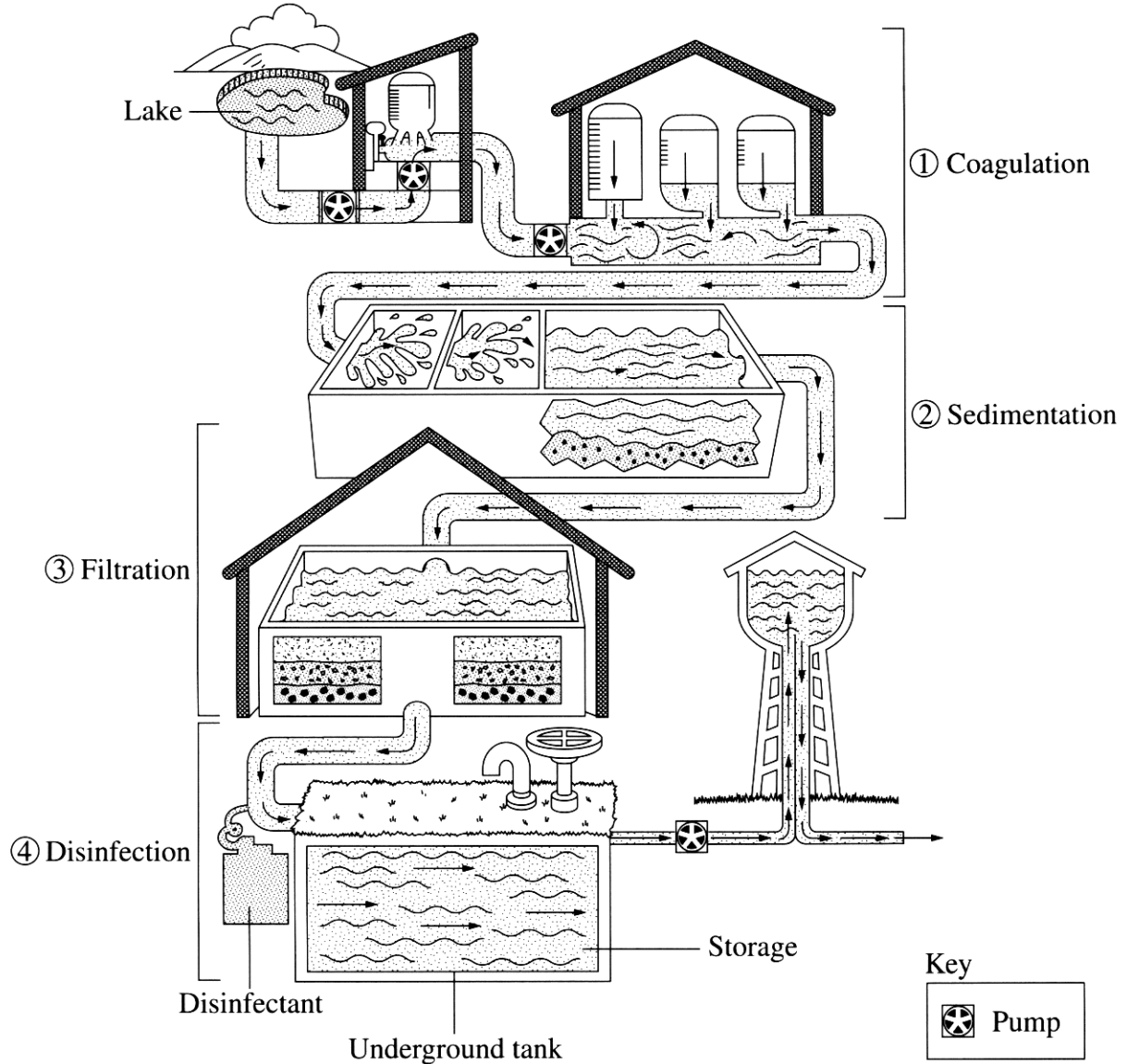


**Question 19** (3 marks)

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 PROCESS WOULD INVOLVE THE ADDING OF  
..... CERTAIN CHEMICALS TO THE WATER TO KILL ANY NASTY  
..... PATHOGENS EG CHLORINE. THIS PROCESS WOULD ALSO  
..... ERADICATE INSECT VECTORS AND THEIR LARVAE FROM  
..... GROWING AND MULTIPLYING AND FURTHER INCREASING  
..... THE RISK OF INFECTION.  
.....  
.....  
.....