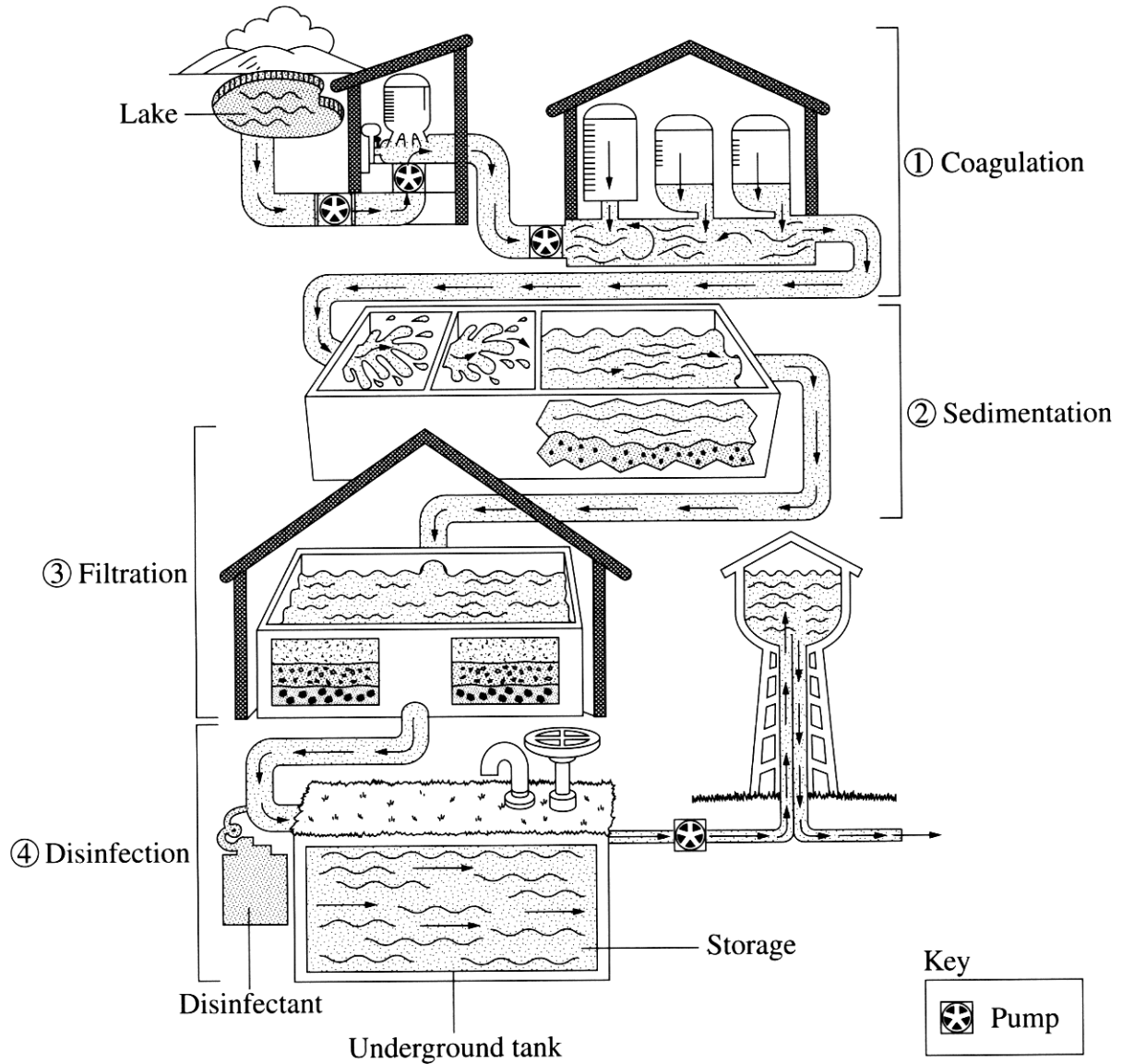


Question 19 (3 marks)

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.

→ Filtration.....
..... The process of filtration is sufficient in reducing the
..... risk of infection from pathogens in that it is able
..... to remove the majority of pathogens before they can
..... pose as a risk of infection. By filtering the water
..... through highly complex filters most unwanted materials
..... can be removed and disregarded, leaving the water
..... cleaner which means reduced risk of infection from
..... pathogens.....