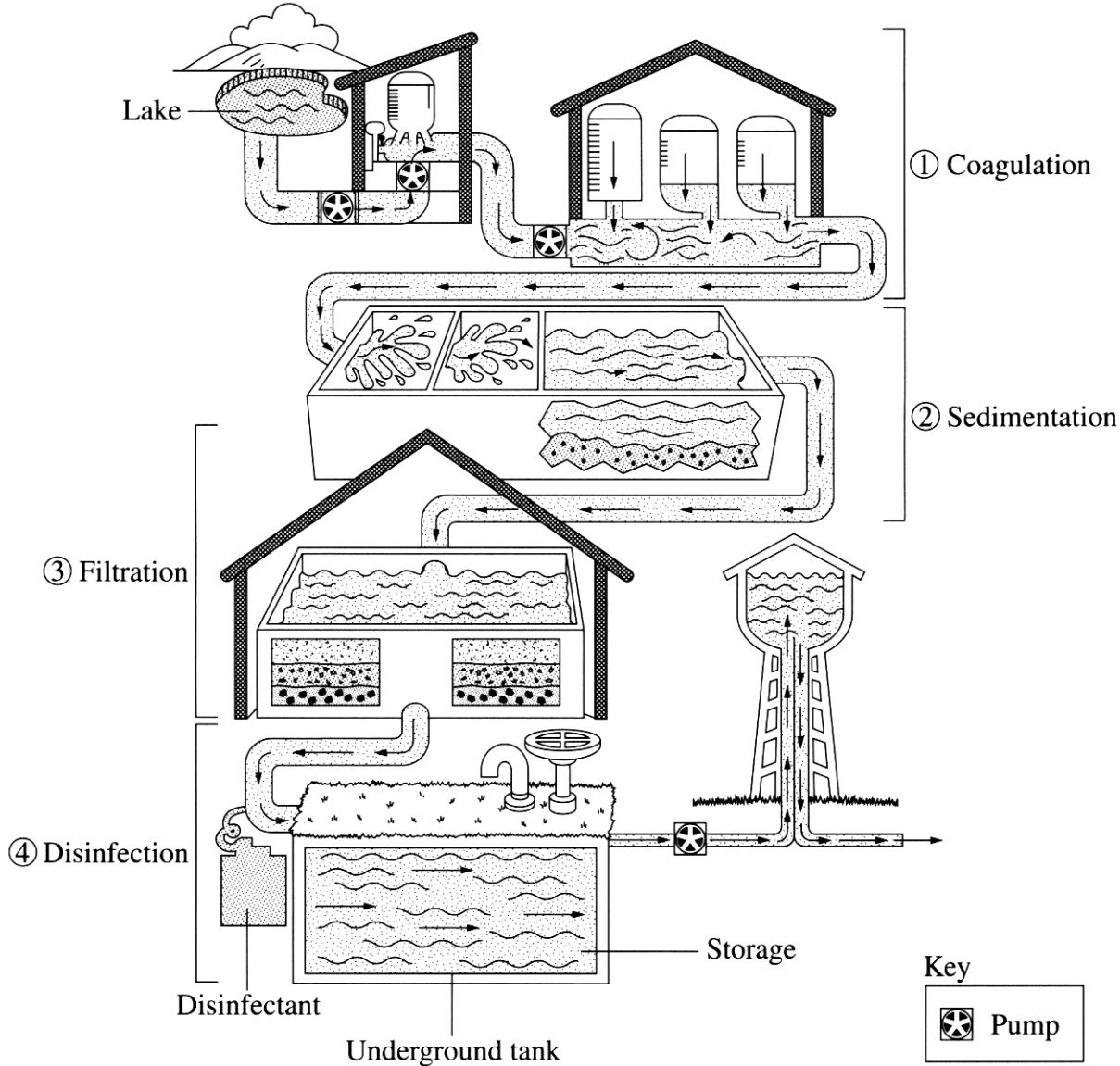


Question 19 (3 marks)

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.

④ Disinfection - the process of disinfection involves the water to have less infection from pathogen as chemicals like chlorine are put into the water and destroys the pathogens, so when people drink the water, they will have a decrease in chance in being infected. Pathogens are organisms that live in or on a host's body, disinfection makes the water sterile and clean to drink as the water collected was from a lake where there are a lot of microbes and is dirty water as anything can be in it.