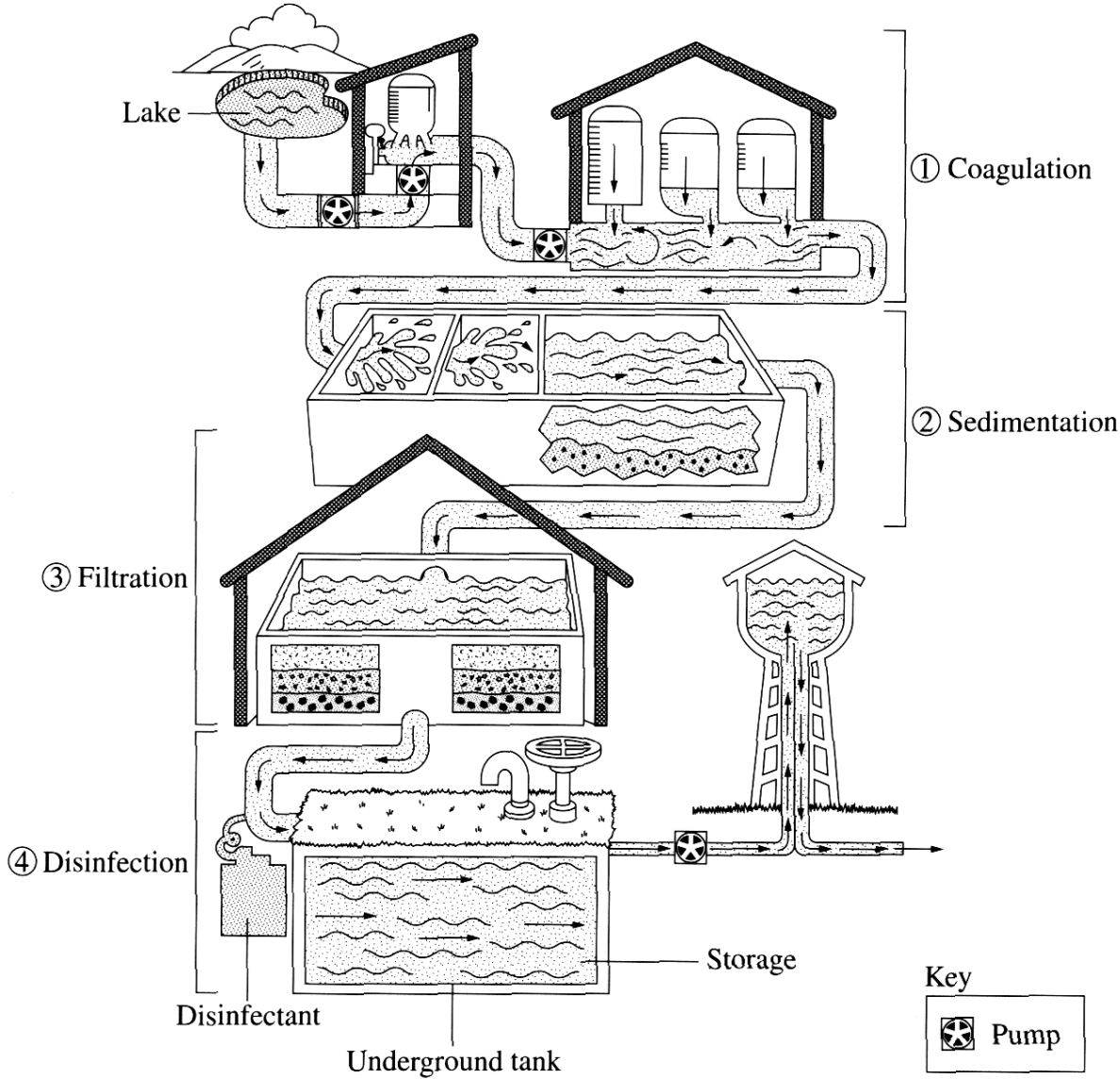


Question 19 (3 marks)

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: disinfection is the process which kills the micro-organisms or pathogens which cause infection using chemicals.
The chemicals used may be example chlorine chemicals kill the micro organisms as it alters the environment in which the organism may survive. This making the parasites and micro organisms unable to survive, duplicate or infect. Thus reduces the risk of infection from pathogens. And this clears the clean water which is used for drinking, bathing and washing clothes and food etc.
This further ~~does not~~ dis allows the transmission of pathogens from water to a system to households. as all water directed or passed through water system must be clean and adequate. This decreases chance or spread of pathogens. as water is an essential aspect of household or human life