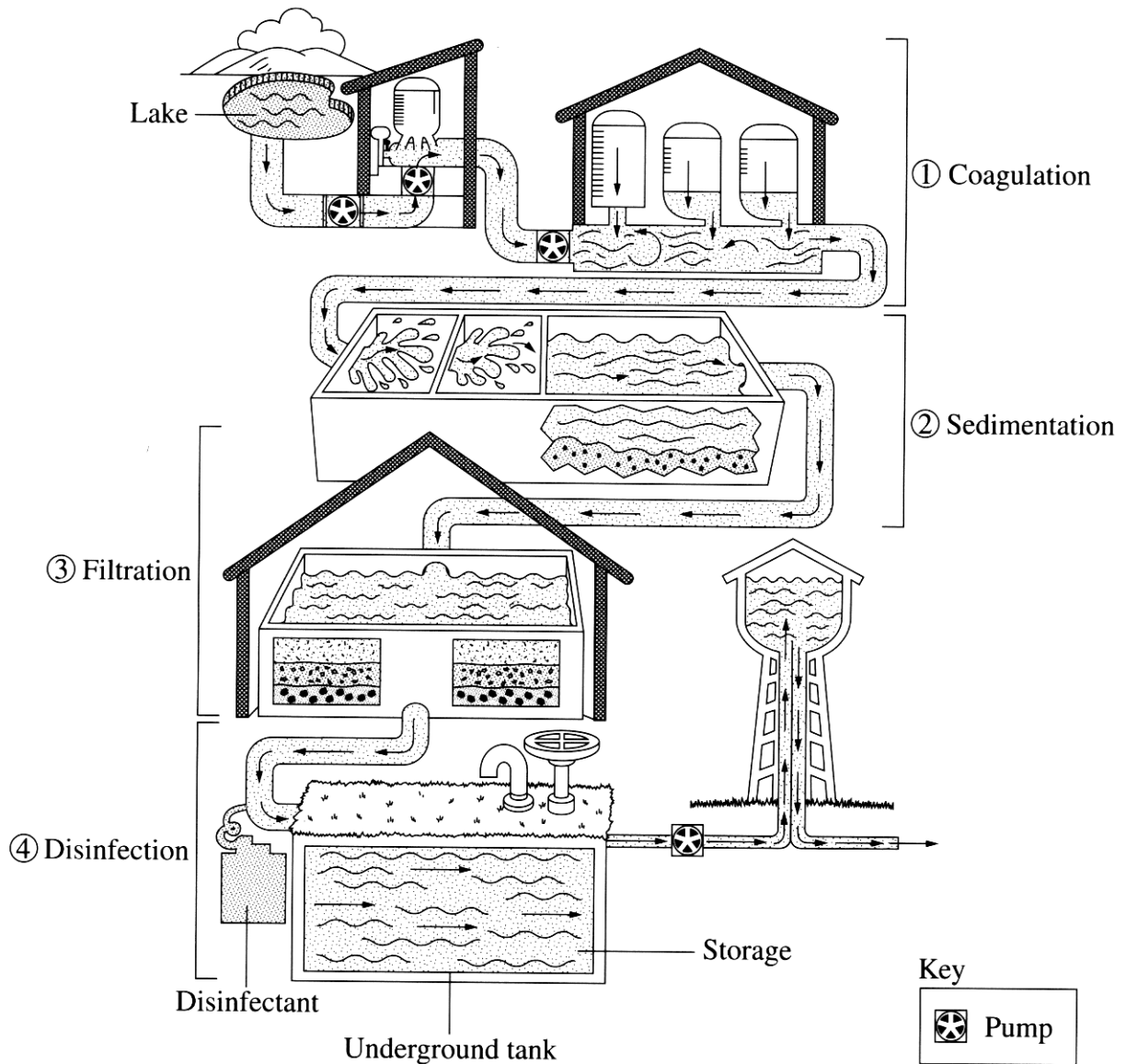


Question 19 (3 marks)

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.

① Coagulation - As it is filtering the water about 7 times before it is able to go any closer to the house this is the first stage of filtration which is one that will remove the majority of the risk of infection from pathogens. It is getting the majority out so that the next stages are able to do a finer filtration to make sure the risk of infection has dropped.