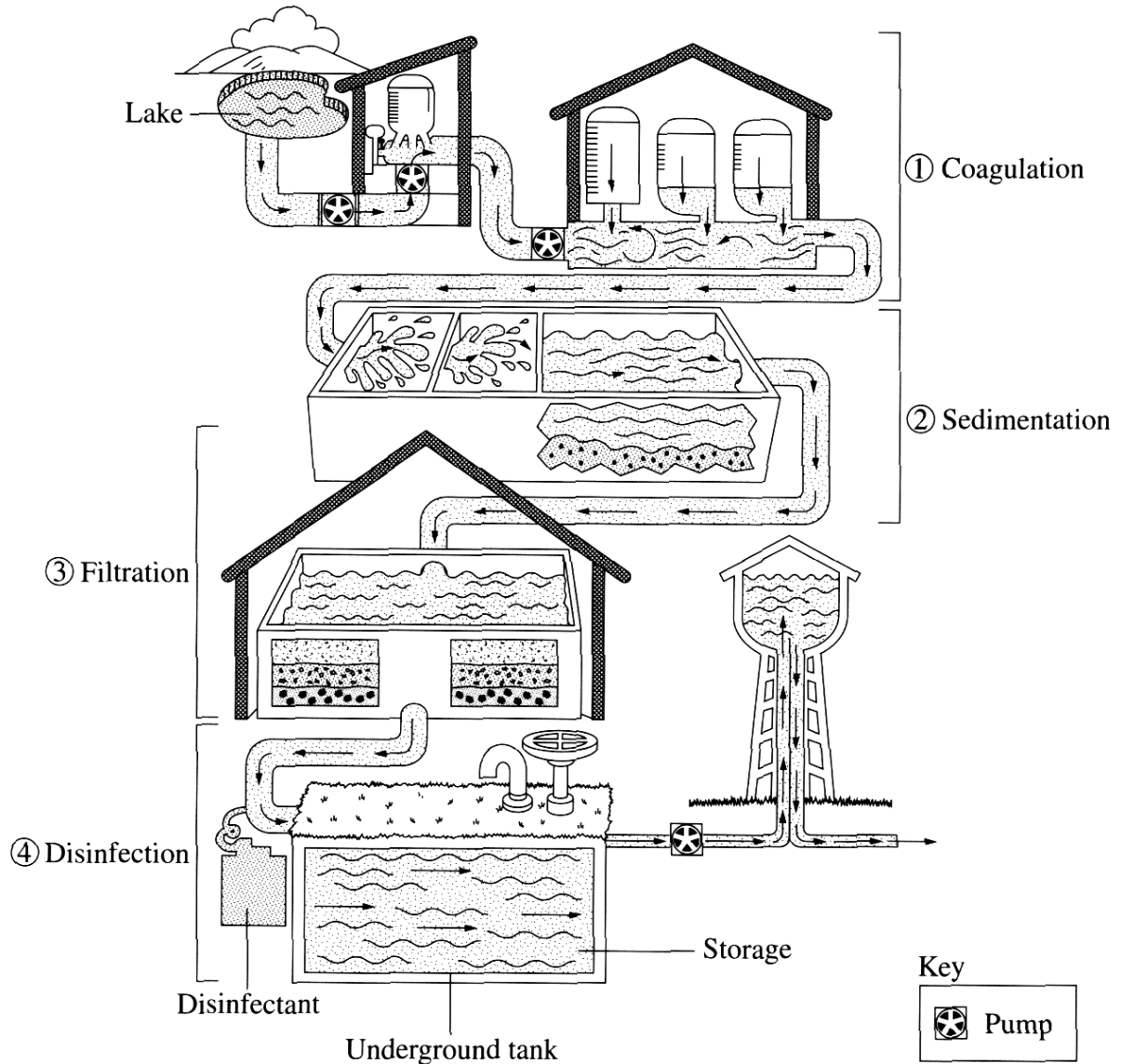


Question 19 (3 marks)

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 → Filtration aids in reducing the risk of infection from pathogens by filtering out debris that has passed through. This can be done in a number of stages which catches smaller and smaller amounts of debris that have passed through the sedimentation process. These small particles which can contain pathogens are caught which stops them from passing through with the water.