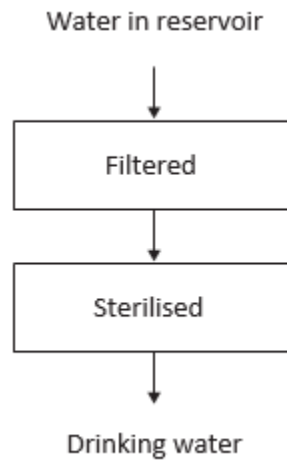


Q4. The flow diagram shows how water is made suitable for drinking.

(a)



(i) What is removed when the water is filtered?

Tick (✓) one box.

Gases

Liquids

Solids

(1 mark)

(ii) What is used to sterilise the water?

Tick (✓) one box.

Carbon

Chlorine

Sodium chloride

(1 mark)

(iii) Why is the water sterilised?

(1 mark)

(b) Water can be purified by distillation.

Drinking water is not usually purified by distillation because distillation is expensive.

Complete the sentence.

Distillation is expensive because it requires a lot of

(1 mark)

Total (15 marks)