5

## **Ouestion 27** (5 marks)

Describe the physical and chemical processes needed to purify and sanitise a town water supply.

The water is purpled from a resonant who an air rator where it receives a dose of chloride and A1. The chlorine hills the bacteria and organisms, the water then enters a clarify other the A1 causes floquisition the floculate settles to the bottom of the trake the water than is sent through a sand filter. Coal is used to de-odowised the water and sada ash is also attain its added to assist if levels. When the water fesses through the sand filter it then receives a last containing the sand filter it then receives a last containing the sand filter it then receives a last containing the sand filter it then receives a last containing the sand filter it the receives a last containing the sand filter it the receives a last containing the sand is pumped to the town.