

Question 27 (5 marks)

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

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The water is first added with coagulate and stirred. This process is called flocculation and the dirty particles or solids in the water will stick together and becoming a big particles. Then the water will filter by sand filtration or membrane filtration to separate the ~~particle~~ unwanted particles from the water. After the filtration, fluorine and chlorine are added into the water in order to kill the germs. Then the water is supplied to the towns and houses.