

Question 27 (5 marks)

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

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First, when the H_2O is obtained, its exposure to ~~air~~ UV rays has killed some bacteria. Then, it undergoes chemical processes such as filtration ~~to~~ to rid unwanted molecules & substances in the water. The water ~~is~~ is then added small quantities of chlorine and fluoride. Chlorine helps to purify & prevent growth of certain bacteria & fluoride is good for dental health. The water is stored to avoid bacterial growth until used (pumped up). The constant monitor of these water supplies help to maintain a sanitised water supply.