

HW  
17/1/22

## Ex-2

1) a) Two chemicals used to destroy germs present in water

→ Chlorine

→ Sterilising water with ozone

b) Two diseases which spread through impure water.

→ Cholera

→ Typhoid

c) A chemical used for a) loading :- potash alum.

d) Two substances which add taste to water :-

→ Minerals

→ Carbon dioxide

e) Two household methods to get safe drinking water :-

→ Boiling / adding potassium permanganate

→ ~~Exposure to air and sunlight~~ Chlorination / adding chlorine tablets

2) a) River water contains mineral salts, suspended impurities like clay, sand particles, organic matter and bacteria and is not fit for drinking.

b) Tap water contains, minerals, air, chlorine and other dissolved impurities that varies from place to place, therefore it is a mixture.



c) Mineral water is pure water fit for drinking. It is collected from natural source and contains air, minerals and salts free from suspended impurities, harmful bacteria and germs.

d) Adding bleaching powder to water, kill germs and harmful bacteria and viruses present in water,

e) Chemically pure water for laboratories is obtained by distillation. Distilled water does not contain any salt or mineral.

f) Water in swimming pool kept free from infections and germs by chlorination i.e. treating water with chlorine gas.