

hw

ch. water

Ex-II

01-20/1/22

1) Name

- a) Two chemicals used to destroy germs present in water - chlorine and potassium permanganate.
- b) Two diseases ~~are cholera, dysentery~~ which spread through impure water - cholera, dysentery.
- c) A chemical used for loading - potash alum.
- d) Two substances which add taste to water - minerals and carbon dioxide gas.
- e) Two household methods to get safe drinking water - Adding chlorine tablets, By adding potassium permanganate.

2) why Answer in brief:

a) why is river water unfit for drinking?

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

b) why is tap water a mixture?

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

c) what is mineral water?

Ans) 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) What is the purpose of adding bleaching powder to water supplied to the town?

Ans → Adding bleaching powder to water kills germs and harmful bacteria and viruses present in water.

e) How is chemically pure water obtained in the laboratory?

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

f) How is water in swimming pool kept free from germs?

Ans → Water in swimming pool kept free from infectious and germs by chlorination i.e. treating water with chlorine gas.