

Hw = 18-01-2021

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class: 6 Sec-B

1. Name :

(a) Two chemicals used to destroy germs present in water.

Ans: Chlorine, Potassium permanganate

(b) Two diseases which spread through impure water - ~~Cholera~~ cholera, dysentery

(c) A chemical used for boiling: Alum

(d) Two substances which add taste to water. Minerals and carbon-dioxide.

(e) Two household methods to get safe drinking water - Boiling, using water purifier

2. (a) Why is river water unfit for drinking?

Ans: River water contains mineral salts, suspended impurities like clay, sand particles,

organic matter and bacteria 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 ~~tap water~~ is a mineral water?

Ans = Mineral water is a 100% fresh and safe drinking water free from harmful bacteria, virus and suspended particles.

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

Ans = The purpose of bleaching powder is to add it to the water to kill all the harmful germs and bacteria.

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

Ans = Chemically pure water in laboratory is obtained through distillation. It doesn't contain any mineral or salt.

classmate

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(f) How is water in a swimming pool kept <sup>free</sup> from germs?

Ans. In a swimming pool, water is kept free from germs through chlorination.